

**Tennessee Social Indicator Study:
County Level Risk for Adolescent Substance Abuse**

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Tennessee Department of Health**

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Acknowledgments

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Introduction

The Tennessee Social Indicator Study is an ongoing effort to collect and analyze county-level indicators corresponding to a set of risk and protective factors that have been shown to affect adolescent substance abuse. The study is part of a larger Tennessee Needs Assessment Project supported by the Center for Substance Abuse Prevention (CSAP). The study is being conducted in the Research Section of the Bureau of Health Informatics (BHI) in the Tennessee Department of Health in cooperation with the Bureau of Alcohol and Drug Abuse Services (BADAS). The Tennessee Needs Assessment Project also includes a Community Resource Survey and a Middle School Survey, which are being conducted by the Community Health Research Group at the University of Tennessee Knoxville. Together, the Social Indicator Study and the two surveys will provide BADAS and community-health planners with much of the information necessary to determine the levels and types of prevention services that are required for children in Tennessee.

The social indicator study is based on a public health model that focuses on the factors that protect or put adolescents at risk for substance use and abuse (Hawkins, Kosterman, Maguin, Catalano, & Arthur, 1997; IOM, 1994). According to Hawkins and his colleagues, the factors that protect and put individuals at risk for drug and alcohol abuse comprise four broad domains: community, family, school, and peer/individual (Hawkins, Catalano, & Miller, 1992; see also, Brook, Nomura, & Cohen, 1989). Altogether, the variables in the social indicator list provide multiple markers for each of the four domains. A basic assumption of the public health model is that the social structure represented in the four domains can be used to determine the need for prevention services in a given community.

Individuals exposed to multiple risk factors are increasingly likely to abuse alcohol and drugs, and their level of abuse is more extreme (Brook et al., 1989;

Bry, McKeon, & Pandina, 1982; Newcomb, Maddahian, & Bentler, 1986; Newcomb, Maddahian, Skager, & Bentler, 1987). Individuals exposed to only one or two risk factors are not as likely to become substance abusers. Altogether, these findings show there is not a single pathway to drug use and abuse, but different complexes of multiple risk factors. Hawkins et al. (1992) suggest that risk-based need assessments should be followed by multidimensional interventions aimed at alleviating the specific problems faced by communities with the greatest risk levels (e.g., Bry, Catalano, Kumpfer, Lochman, & Szapocznik, 1998; Hill, Howell, Hawkins, Battin-Pearson, 1999).

This report is comprised primarily of individual county profiles. The profiles provide descriptions of the counties in terms of: 1) five risk factor scores representing the four domains and overall risk; 2) problem behavior rates (i.e., juvenile arrests for drug, property, and violent crimes, and adolescent pregnancies); and 3) the individual social indicator variables that were used to obtain the four risk factors. The Overall risk factor is a weighted composite of the Community, Family, School, and Peer/Individual factors, which were derived from the indicators corresponding to their respective domains. The profiles provide county-level assessments of risk for adolescent substance abuse and other problem behaviors. The profiles should be helpful in determining the counties and regions that are at greatest risk and the factors affecting risk levels.

County Profiles and Risk Factor Maps

Each county profile is comprised of three graphs and brief notes accompanying the graphs. All of the numeric data is presented as standard scores. The risk factor scores were derived from the indicator variables as standard scores. The social indicator variables and problem behaviors were first computed as population-adjusted rates then standardized. Computing population-adjusted rates controlled for population differences across counties. Standardizing variables centers the variables on the overall state mean or average (i.e., The

overall state mean for each of the risk factor scores, problem behaviors rates, and indicator variables equals zero) and puts the variables in a standard unit that generally ranges between -3 and 3. Thus, positive scores show elevated risk and negative scores show decreased risk, and scores greater than 3 or less than -3 show extremely high and low risk.

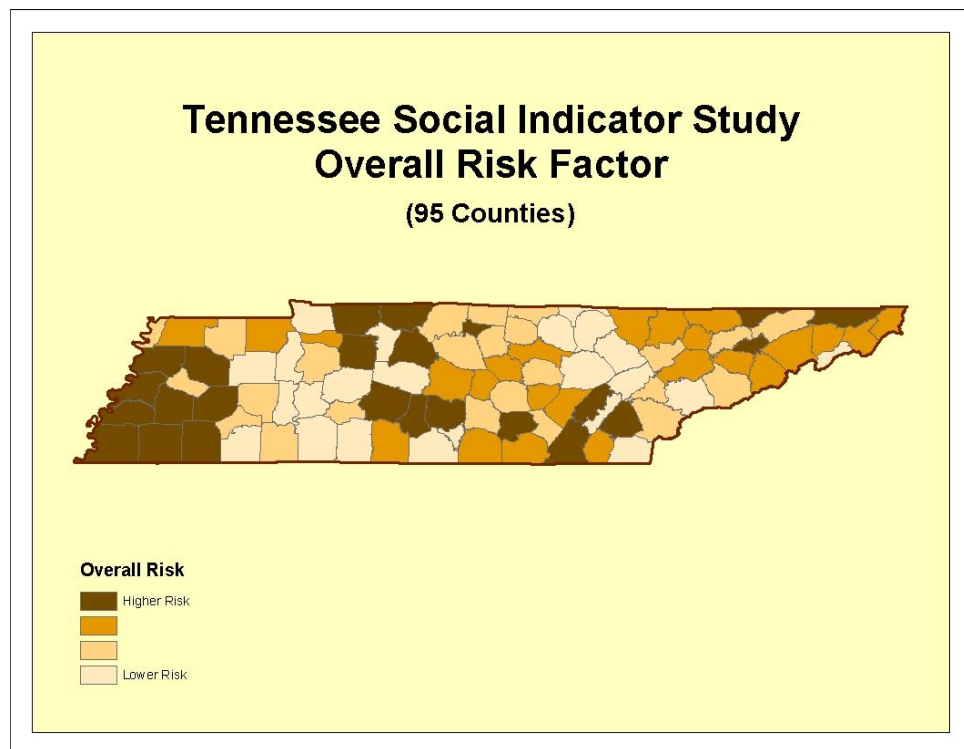
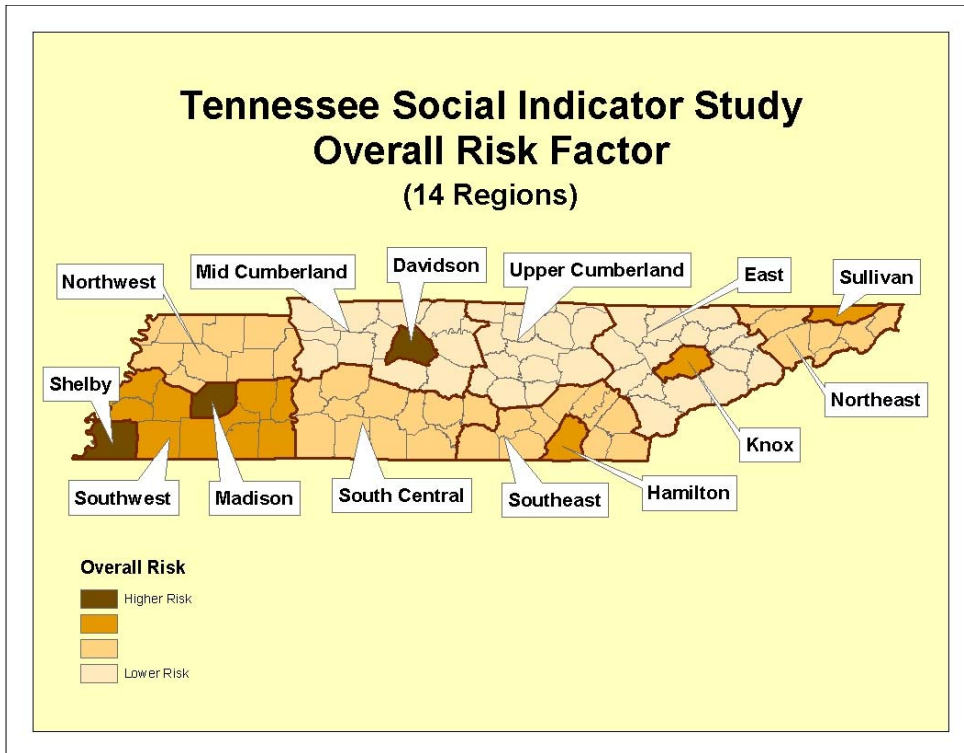
Note that scoring some variables in terms of high and low risk required reversing the variables normal or natural order. High performance on academic tests was scored as low risk and low or poor performance was scored as high risk. Similarly, high net migration (i.e., many people moving into a county) was scored as low risk and low or negative net migration was scored as high risk. The brief texts accompanying the graphs primarily focus on elevated or high risk variables. Given the mission of assessing risk of adolescent substance abuse and need for prevention services, it was necessary to focus on variables representing elevated risk. No doubt there are counties that should be congratulated on their low risk levels, but that is a different report.

The county profiles are presented alphabetically within the 14 health department regions. Of these there are 8 non-metro regions (Northwest, Southwest, Mid Cumberland, South Central, Upper Cumberland, Southeast, East, and Northeast) and 6 metro regions (Shelby, Jackson, Davidson, Hamilton, Knox, and Sullivan). The profile graphs also show the non-metro and metro mean levels for comparison with the non-metro and metro county levels, respectively. Generally, non-metro means are close to and slightly below the state mean. Conversely, the metro means are generally well above the state mean. Given the indicator variables and problem behaviors were originally scored as population-adjusted rates, these differences cannot be attributed simply to differences in population. There is apparently some other factor affecting metro counties causing them to be at higher risk than non-metro counties. Nonetheless, some of the metro counties seem to have protective factors, such as good schools and family environments that mediate the risk levels. Similarly, some non-metro counties

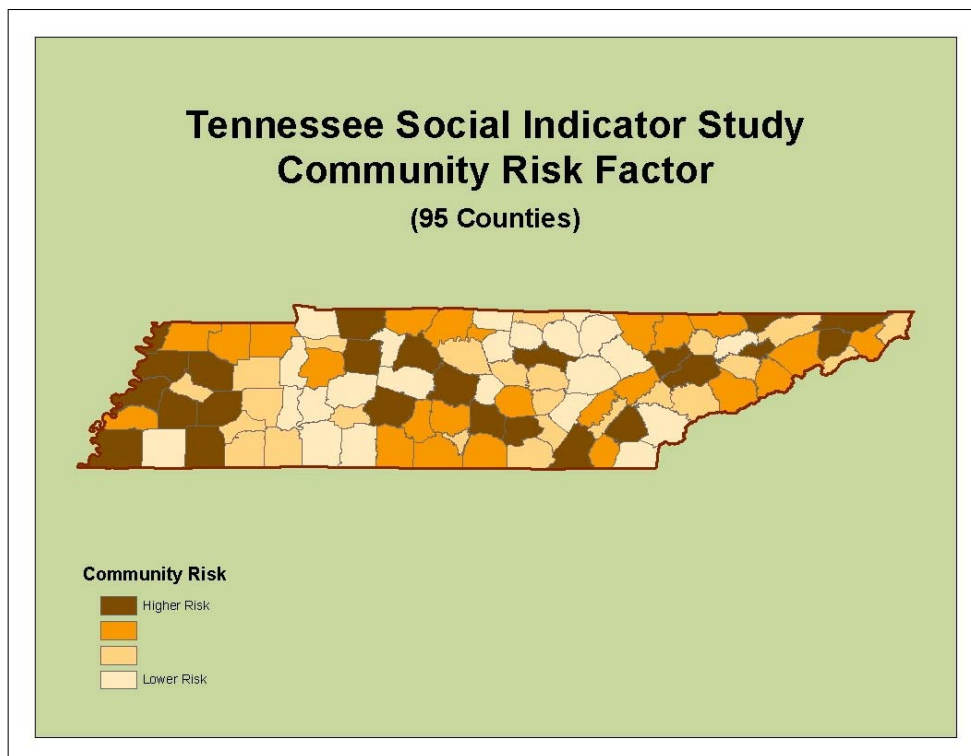
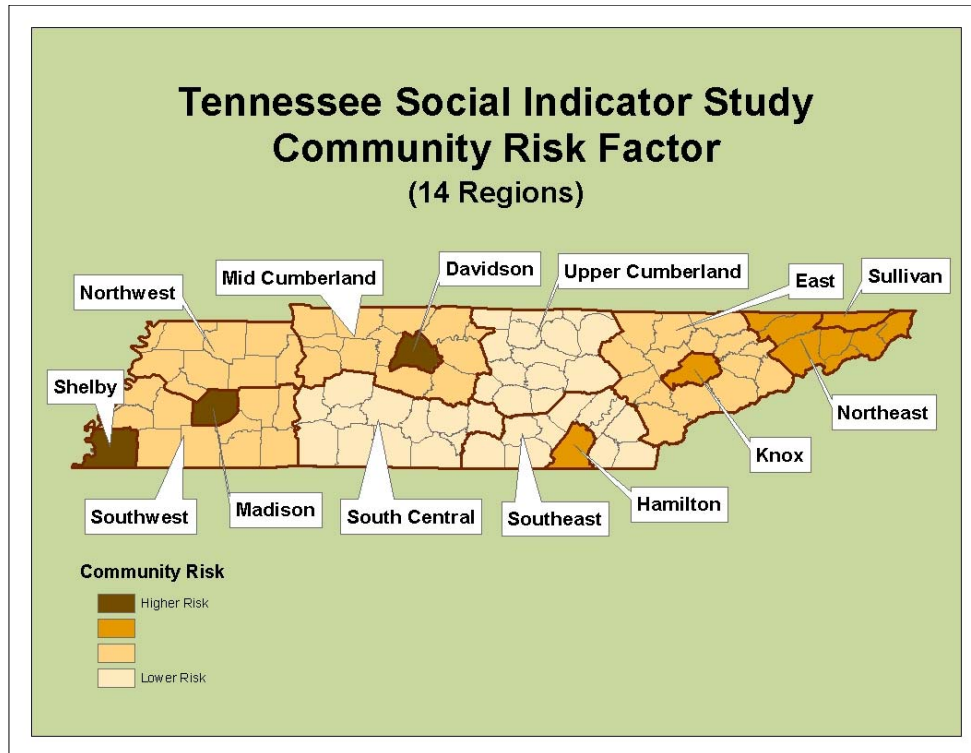
are among the highest risk counties in the state. Additionally, there are counties in which the indicator variables and risk factor scores show high risk, but the problem behavior rates are low and vice versa. What mediates these apparent contradictions is not clear. It may be a matter of timing (e.g., elevated risk preceding problem behaviors) or it could be an artifact of using counties as the unit of analysis. Also, there is likely differential emphasis across counties for policing juvenile crime or monitoring dropout rates. All of these are potential sources of error in the risk factor model. Overall, however, the risk factor scores and indicator variables are related to problem behavior rates and provide a valid risk index.

In addition to county profiles the report contains maps of relative risk with regional and county-level quartile rankings on each of the five risk factors. The maps provide a quick overview of the state in terms of Overall, Community, Family, School, and Peer/Individual risk levels. The individual county profiles provide a more detailed presentation. However, the maps clearly show apparent clusters of high and low risk counties that shared borders and common characteristics. The maps also show that the metro counties were at the highest risk. Both the maps and profiles contain information that will help in determining the relative need for prevention services and the types of services that may be most beneficial.

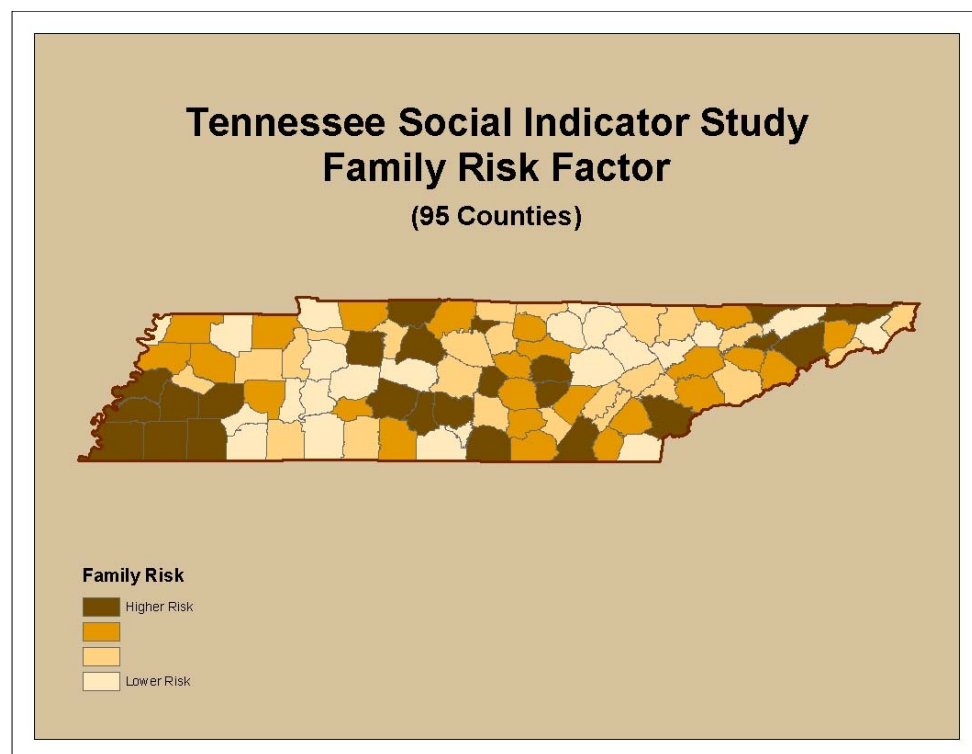
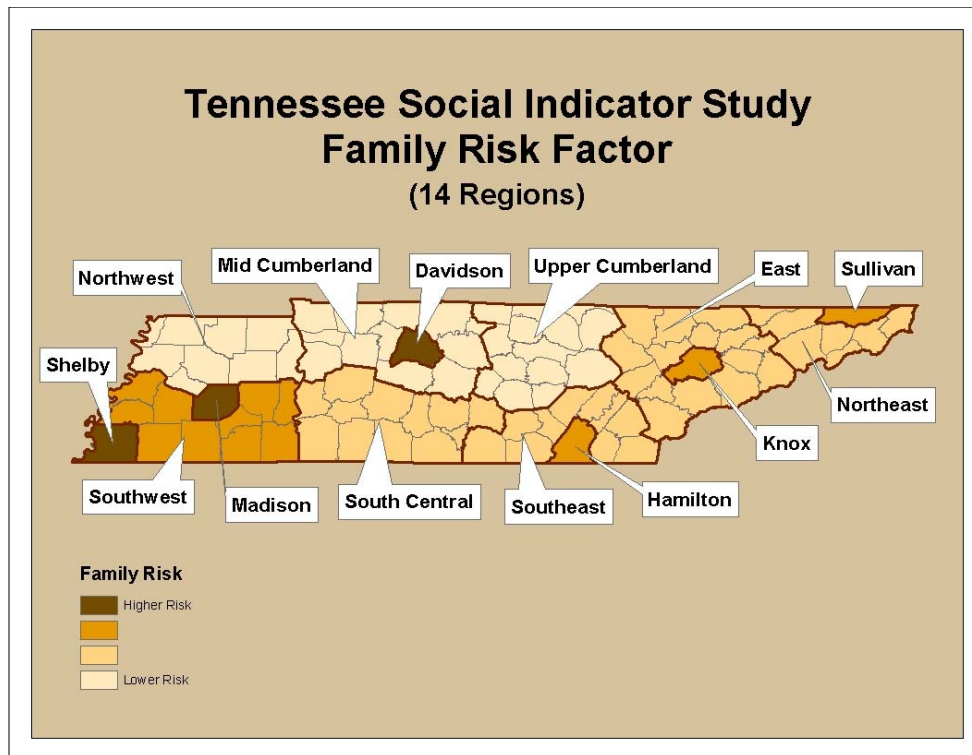
Tennessee Social Indicator Study Relative Risk Maps



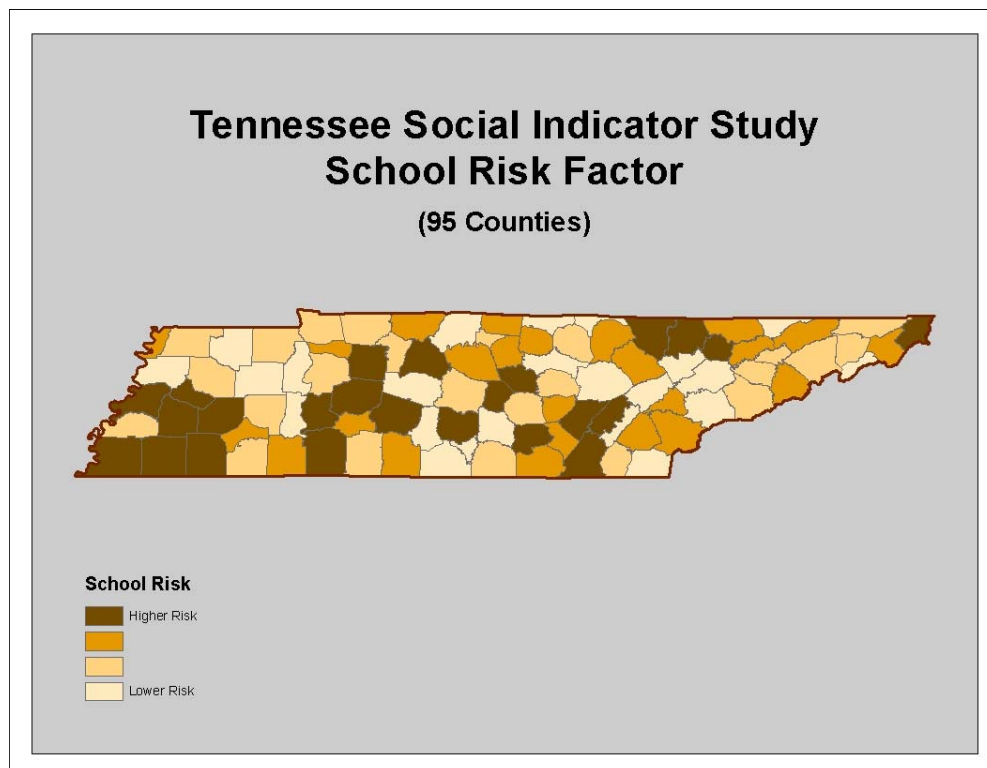
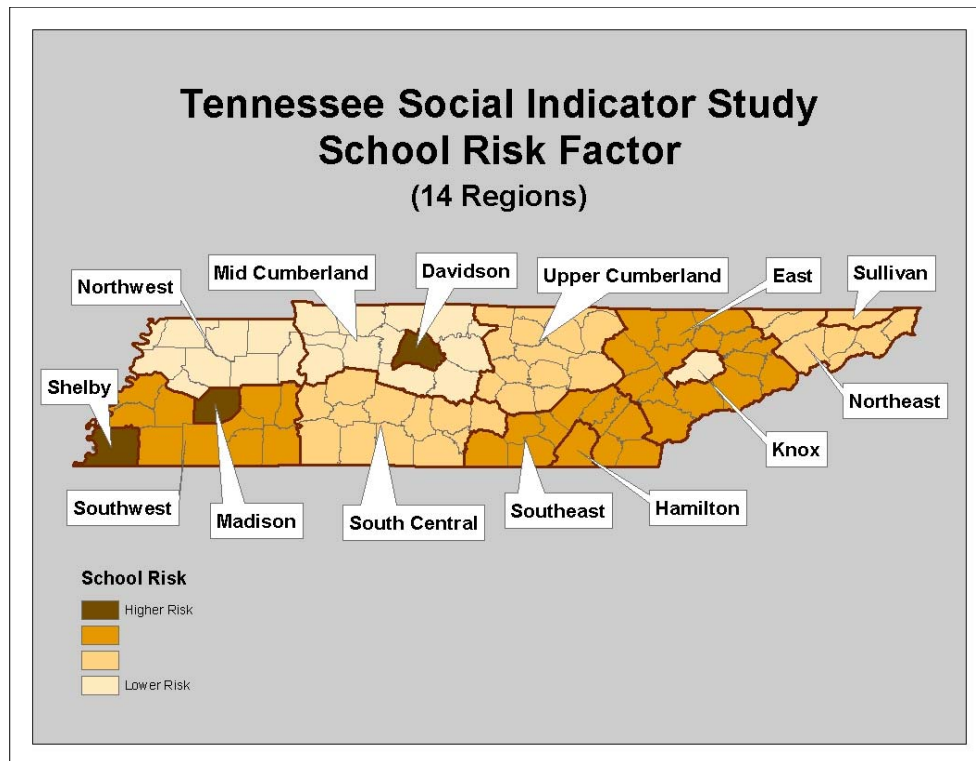
Overall risk: regional quartiles (upper panel), county quartiles (lower panel).



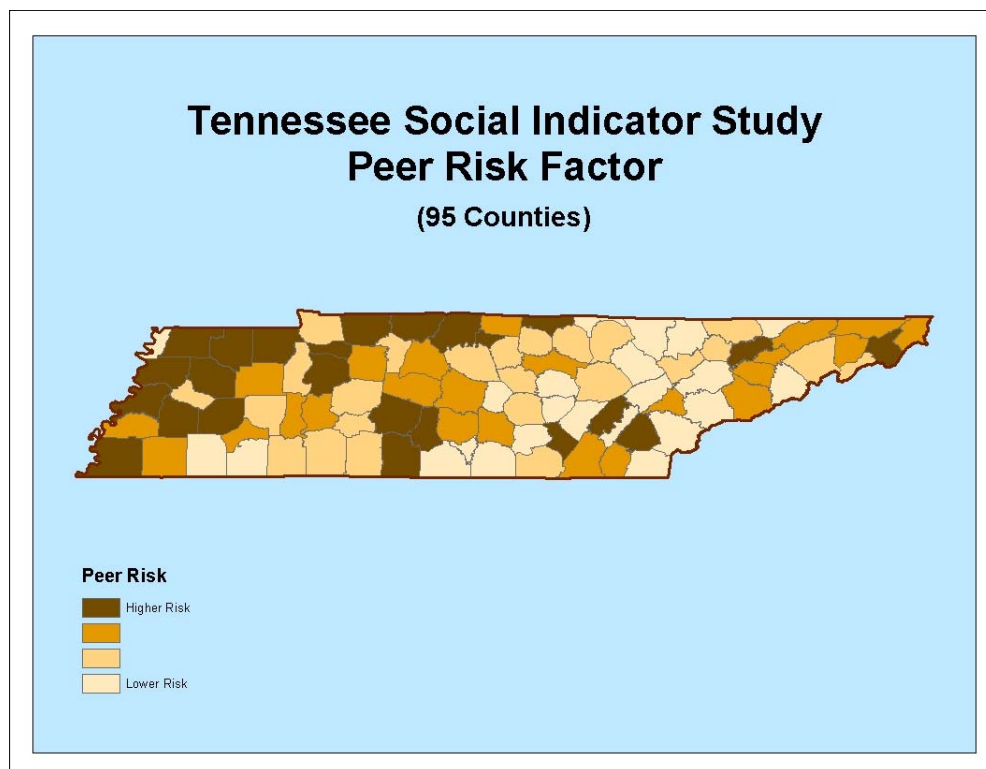
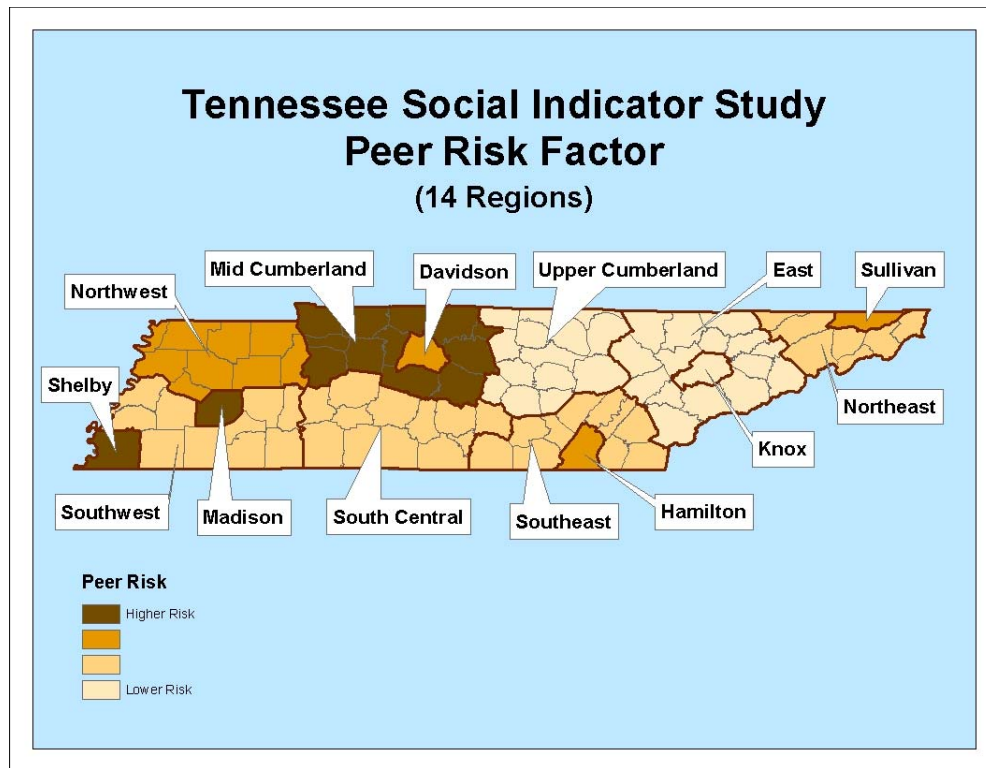
Community risk: regional quartiles (upper panel), county quartiles (lower panel).



Family risk: regional quartiles (upper panel) and county quartiles (lower panel).



School risk: regional quartiles (upper panel) and county quartiles (lower panel).



Peer risk: regional quartiles (upper panel) and county quartiles (lower panel).

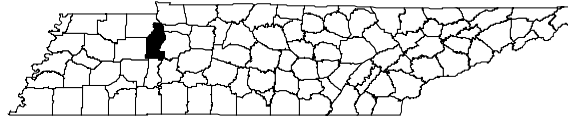
Tennessee Social Indicator Study County Profiles

Northwest Region

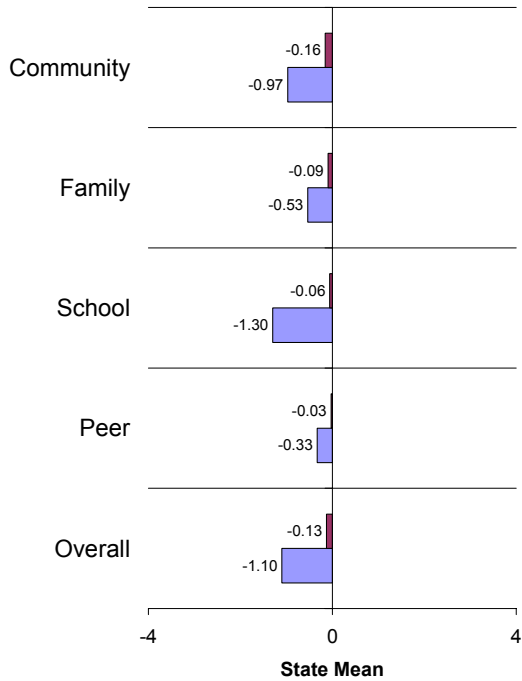
Benton County

Pop. 16537

Non-Metro Counties ■
Benton County ■



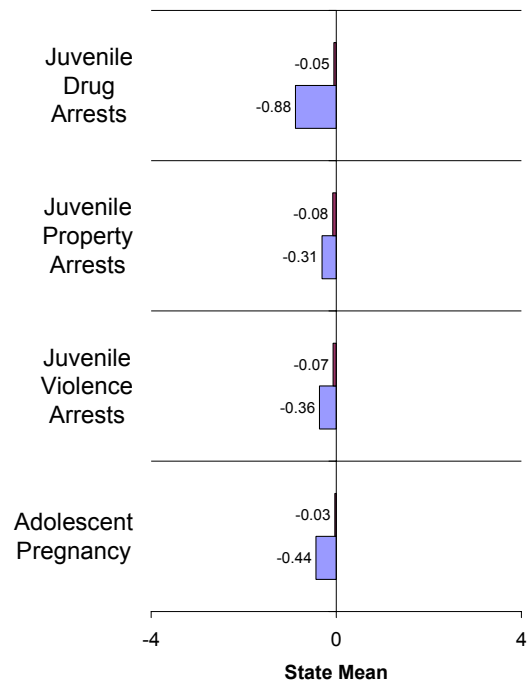
Risk Factor Scores



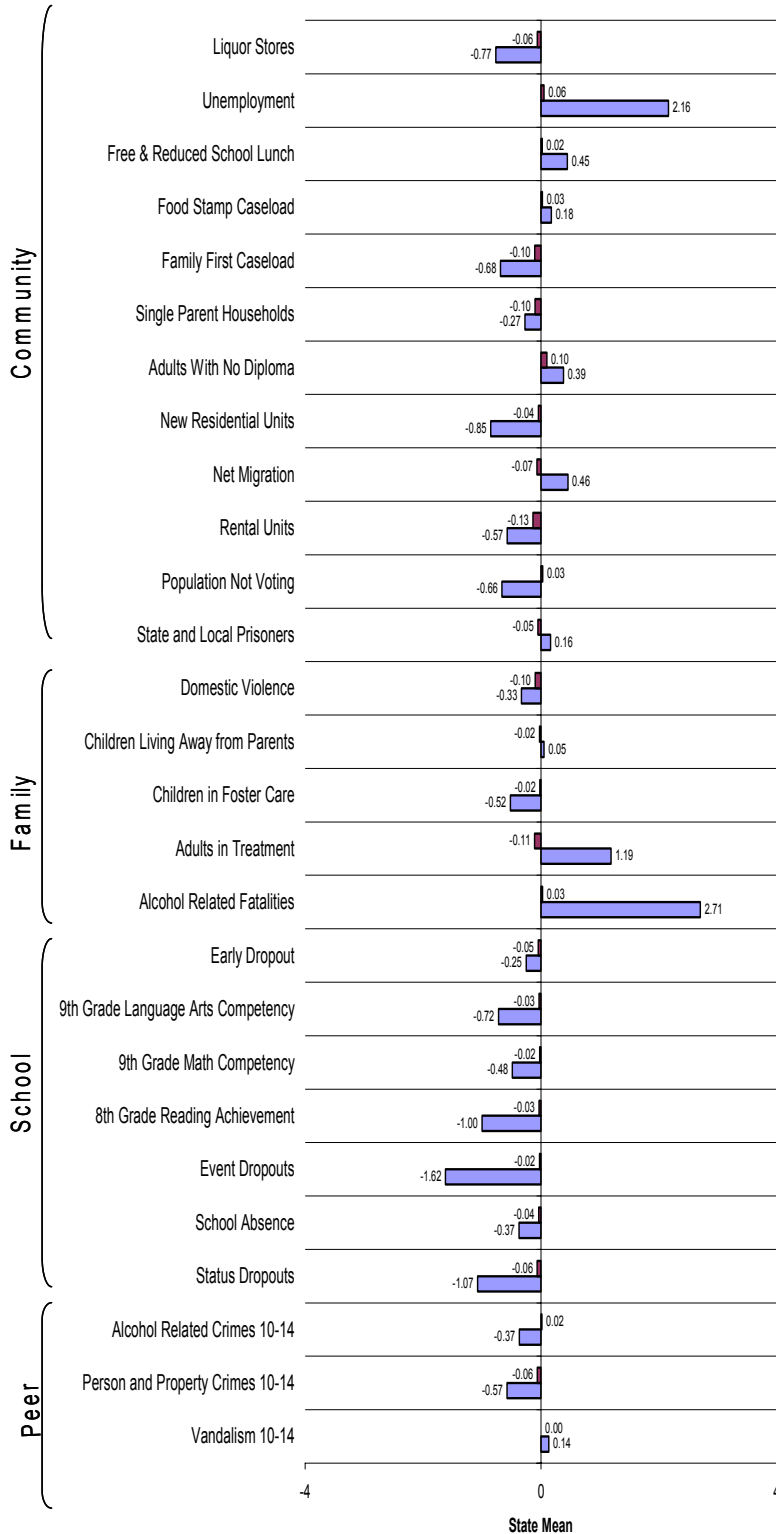
- Benton County's risk factor scores were low.

- Benton County problem behavior rates were low.

Problem Behaviors



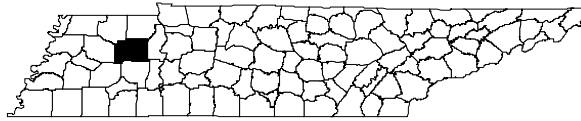
Social Indicator Variables



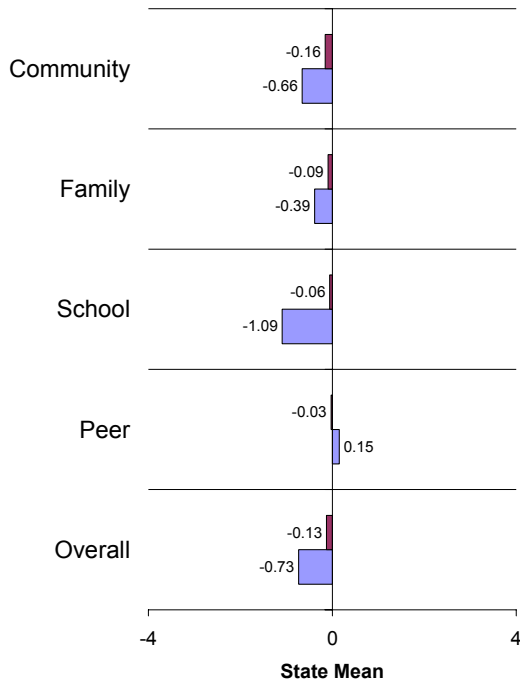
- Among Community variables, Benton County's unemployment rate was very high. Free and reduced lunch, adults without diplomas, and net migration rates were elevated. The state and local prisoner rate was slightly elevated.
- Among Family variables, Benton County's alcohol-related fatality rate was very high and the adult treatment rate was high.
- School variables in Benton County were all below average for a non-metro county.
- Peer related variables in Benton County were all average or below.

Carroll County Pop. 29475

Non-Metro Counties ■
Carroll County ■



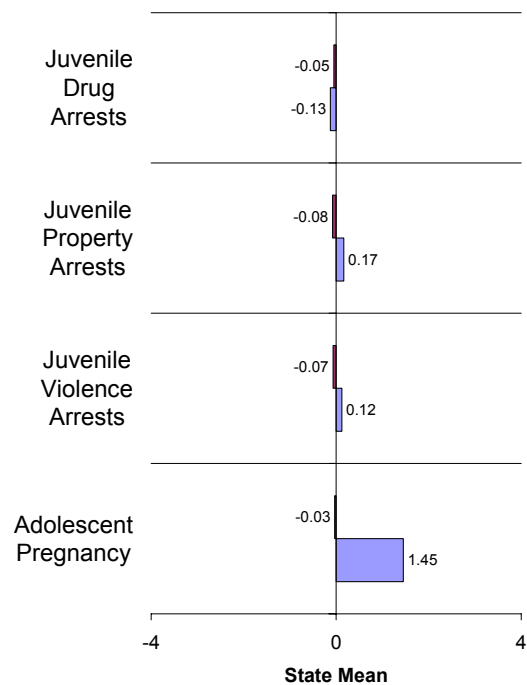
Risk Factor Scores



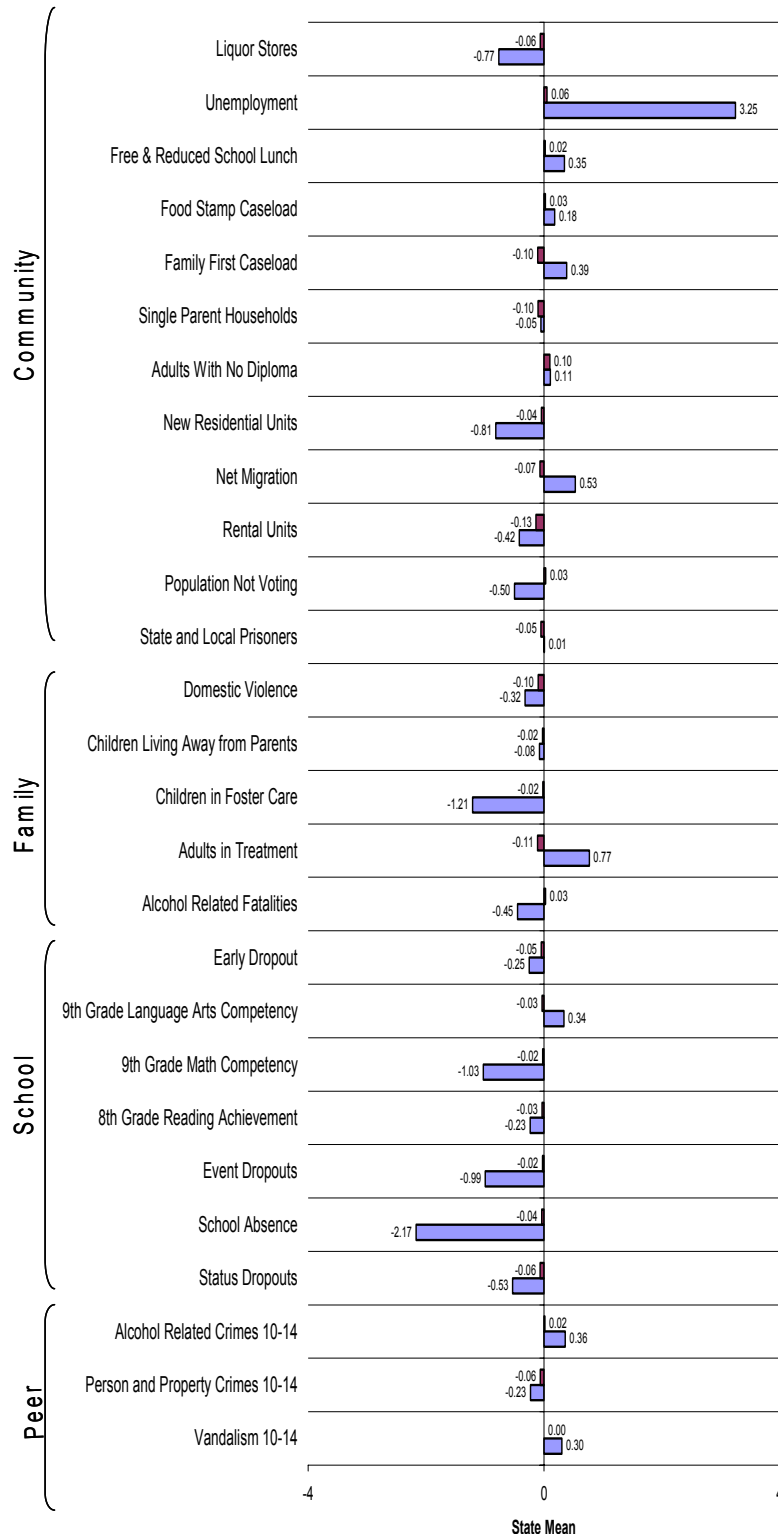
- Carroll County's Peer factor was slightly elevated. Otherwise, Carroll County's risk factor scores were low.

- Juvenile property and violent crime rates were slightly elevated in Carroll County and adolescent pregnancy rates were high.

Problem Behaviors



Social Indicator Variables

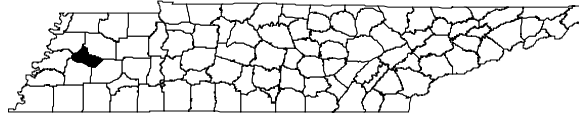


- Among Community variables, Carroll County's unemployment rate was extremely high. Free and reduced school lunch, family first caseload, and net migration rates were elevated.
- Among Family variables, Carroll County's adult treatment rate was elevated.
- Performance in the 9th grade language arts competency test in Carroll County was below average.
- Alcohol related crimes and vandalism rates among 10-14 year olds in Carroll County were elevated.

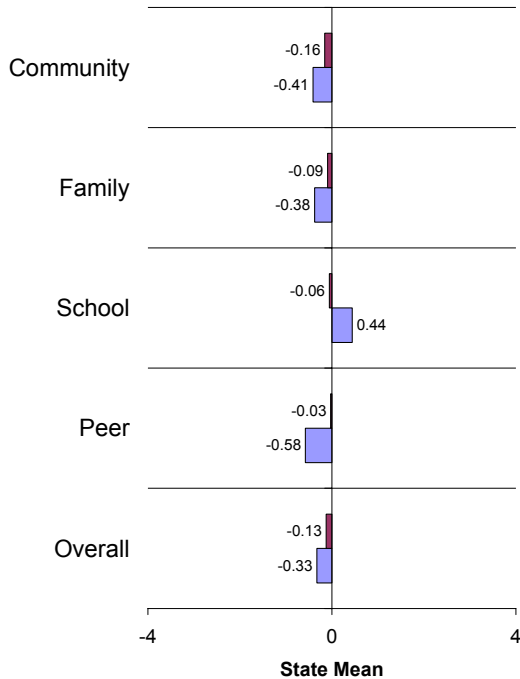
Crockett County

Pop. 14532

Non-Metro Counties ■
Crockett County ■



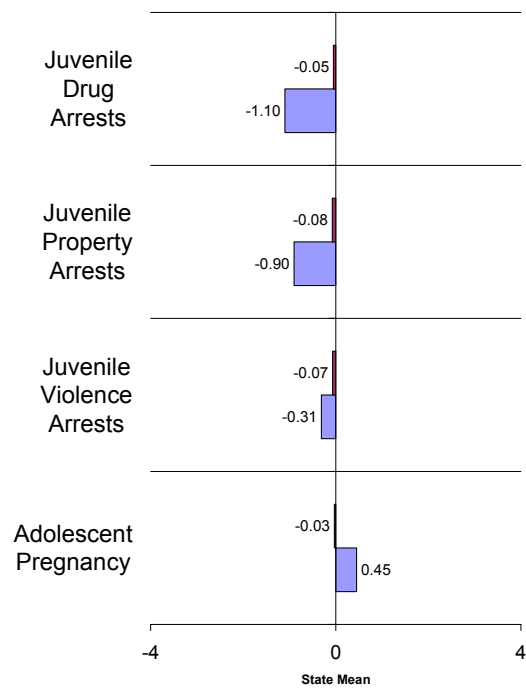
Risk Factor Scores



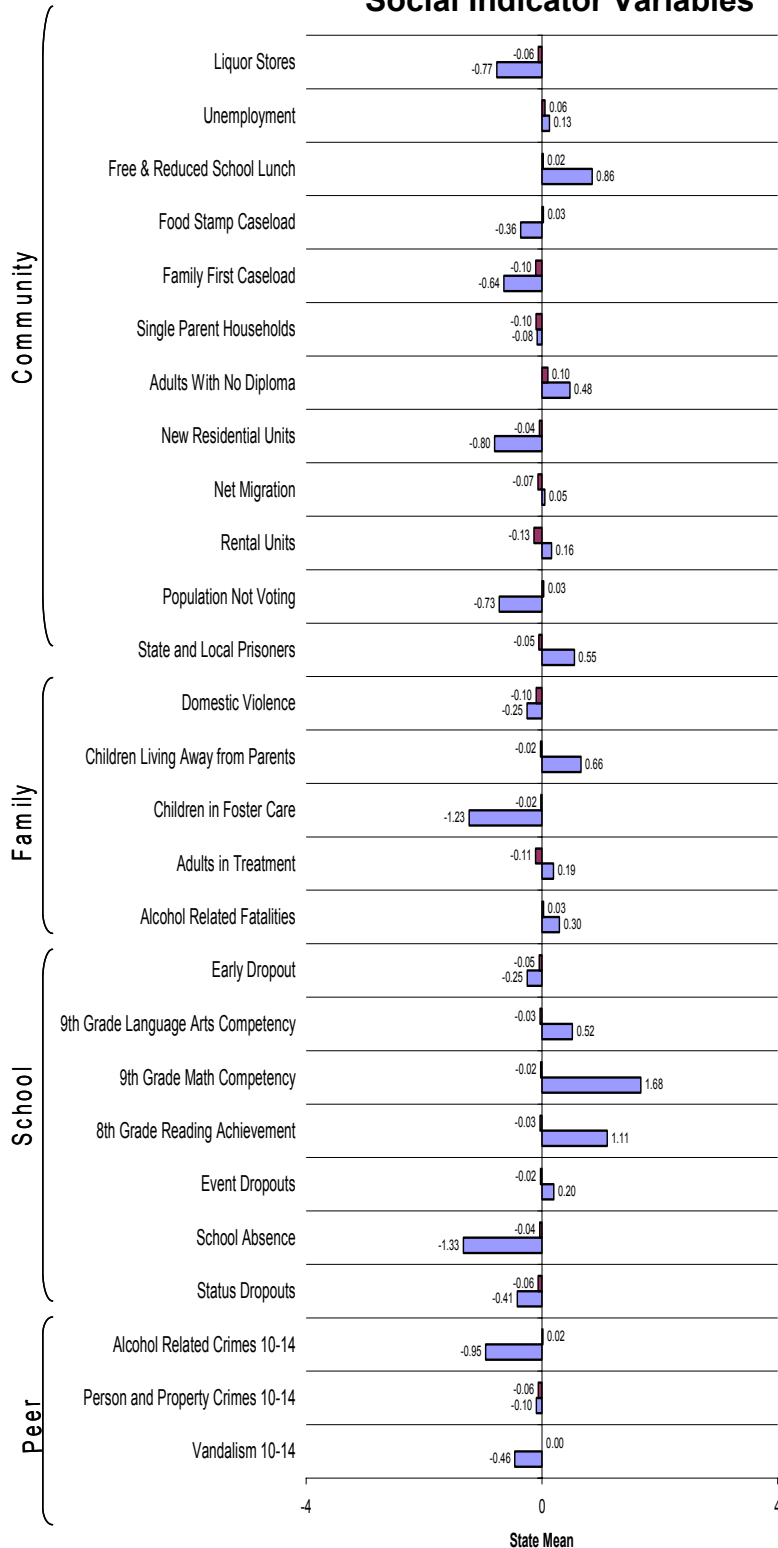
- Crockett County's School factor was elevated. Otherwise, Crockett County's risk factor scores were low.

- Crockett County's adolescent pregnancy rate was elevated. Otherwise, Crockett County's problem behavior rates were low.

Problem Behaviors



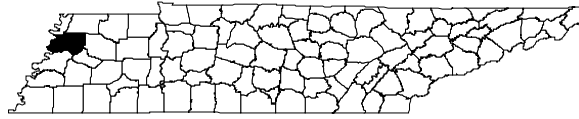
Social Indicator Variables



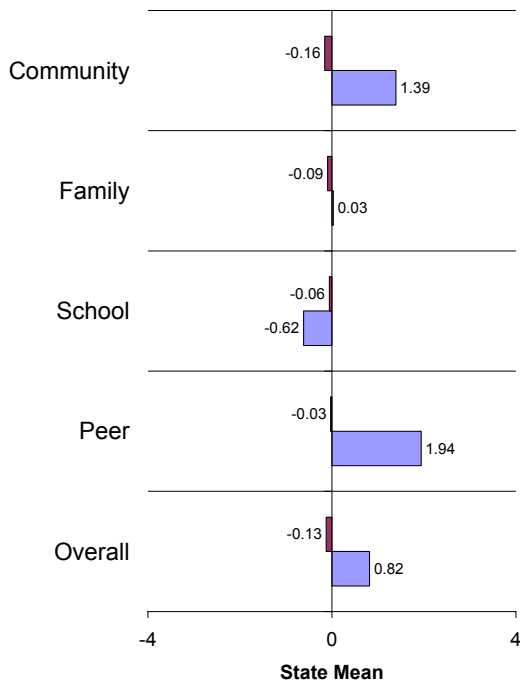
- Among Community variables, Crockett County's free and reduced school lunch rate was high. Adults without diplomas, rental units, and prisoner rates were elevated.
- Among Family variables, Crockett County's children living away from parents, adults in treatment, and alcohol related fatality rates were elevated.
- Performance on the 9th grade math and language arts competency tests and the 8th grade reading achievement test was poor. Additionally, the event dropout rate was elevated.
- Peer related crime rates among 10-14 year olds in Crockett County were average or below.

Dyer County Pop. 37279

Non-Metro Counties ■
Dyer County ■



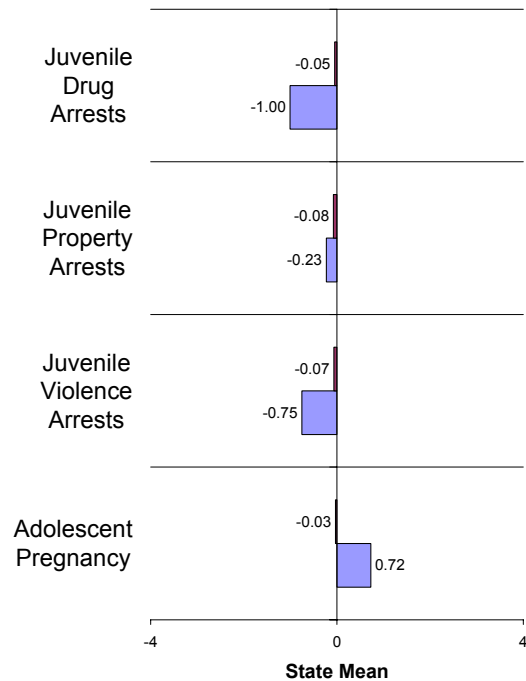
Risk Factor Scores



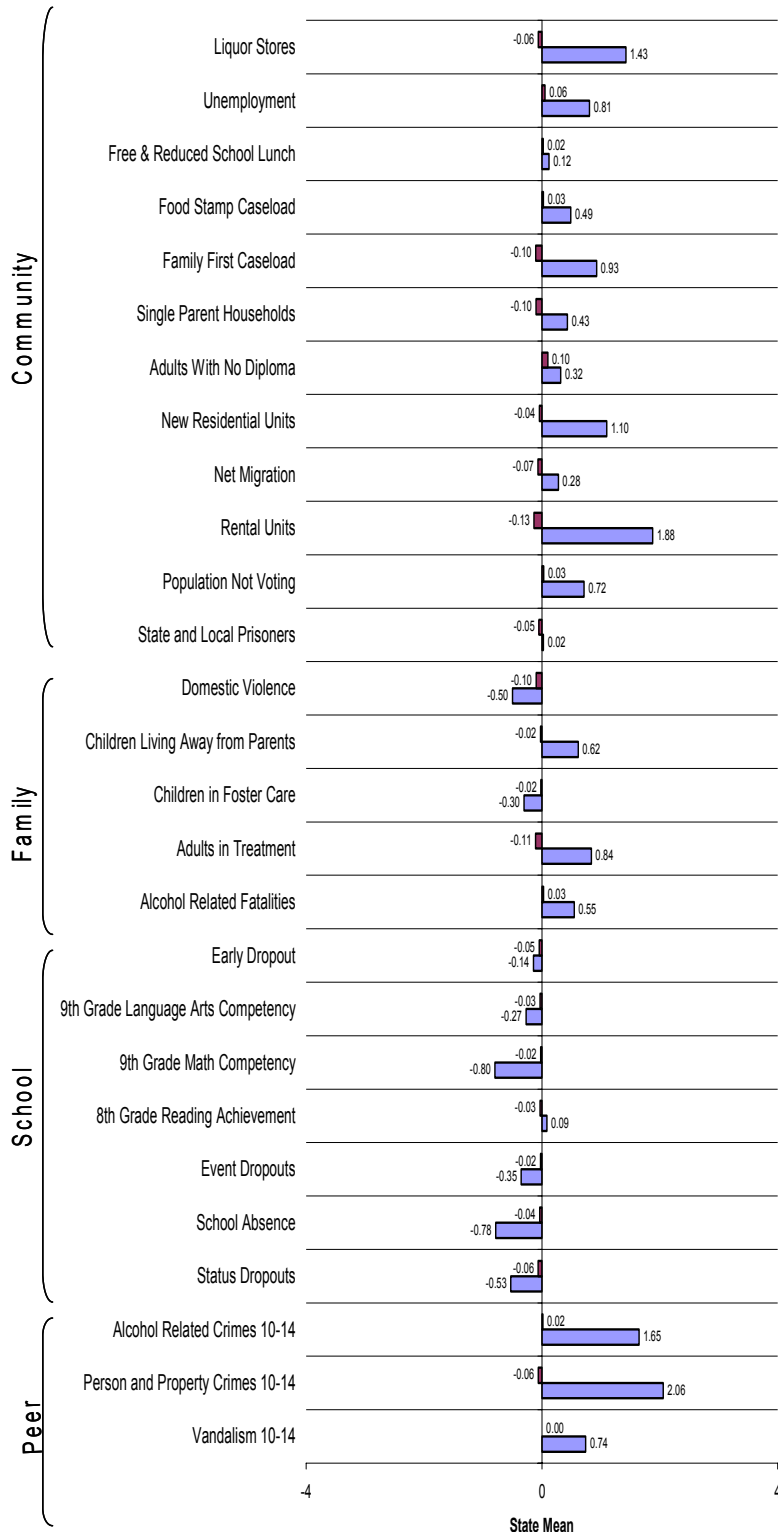
- Dyer County's Peer, Community, and Overall risk factor scores were high.

- Dyer County's adolescent pregnancy rate was moderately high. Otherwise, Dyer County's problem behavior rates were average or below.

Problem Behaviors



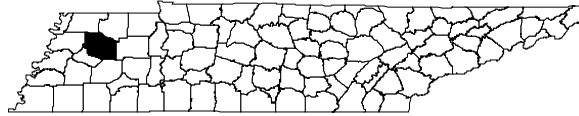
Social Indicator Variables



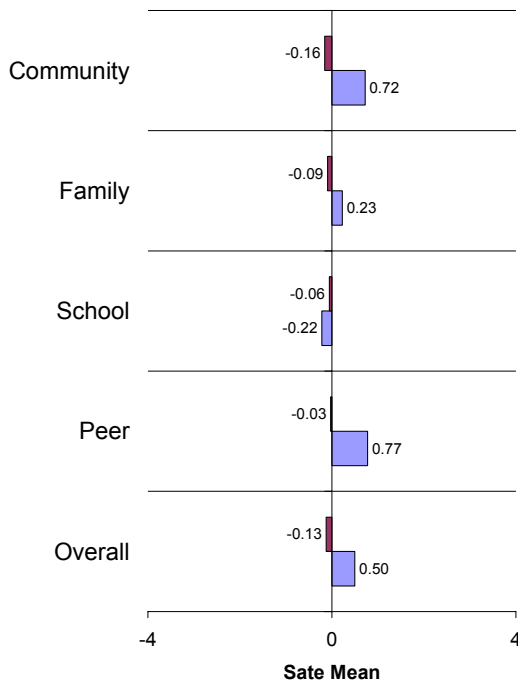
- All of Dyer County's Community variables except free and reduced school lunch and state and local prisoner rates were at least elevated. The liquor store, new residential and rental unit rates were high.
- Among Family variables, Dyer County's children living away from parents, adults in treatment, and alcohol related fatality rates were high.
- All of Dyer County's School variables were average or below.
- Among Peer variables, the 10-14 year old person and property crime rate was extremely high, alcohol-related crimes were high, and the vandalism was elevated.

Gibson County Pop. 48152

Non-Metro Counties ■
Gibson County ■



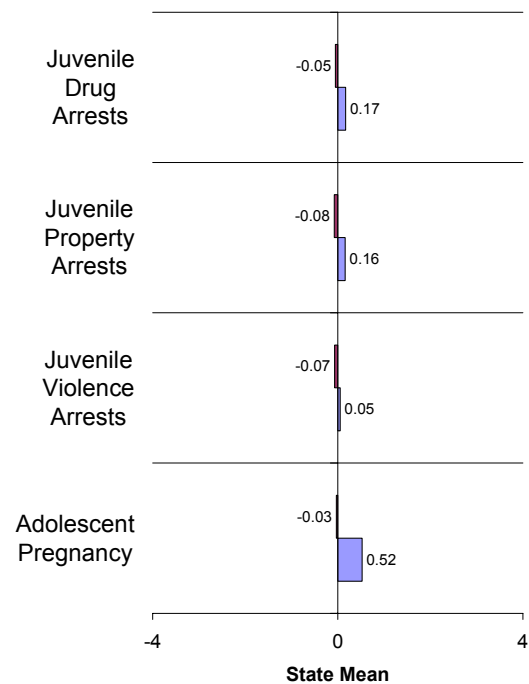
Risk Factor Scores



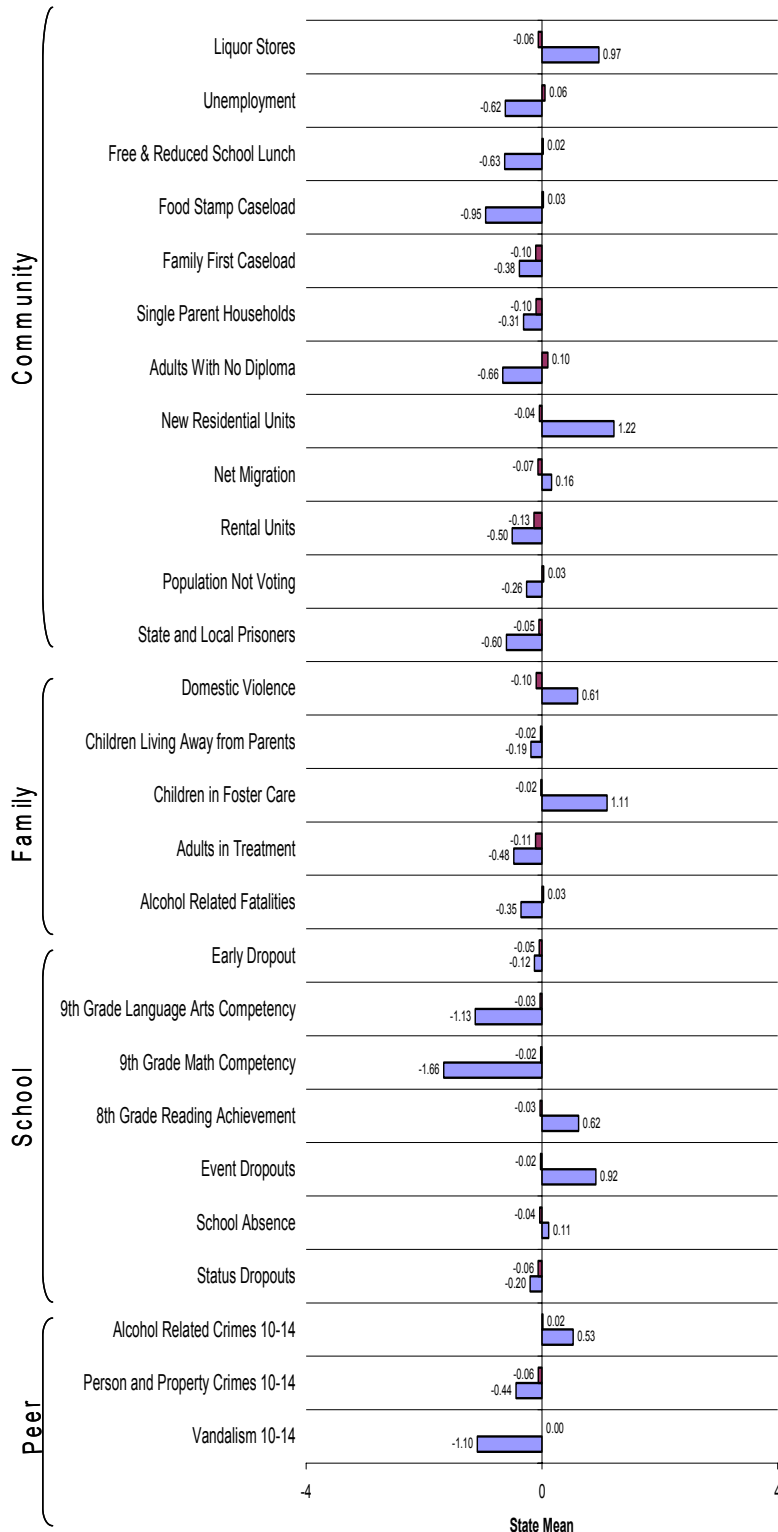
- Gibson County was elevated on the Community, Family, Peer and Overall risk factor scores.

- Gibson County's juvenile drug and property crime arrest rates were slightly elevated and the adolescent pregnancy rate was moderately high.

Problem Behaviors



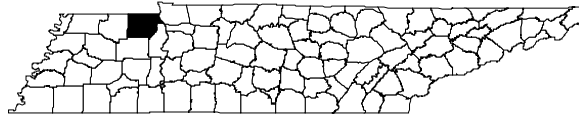
Social Indicator Variables



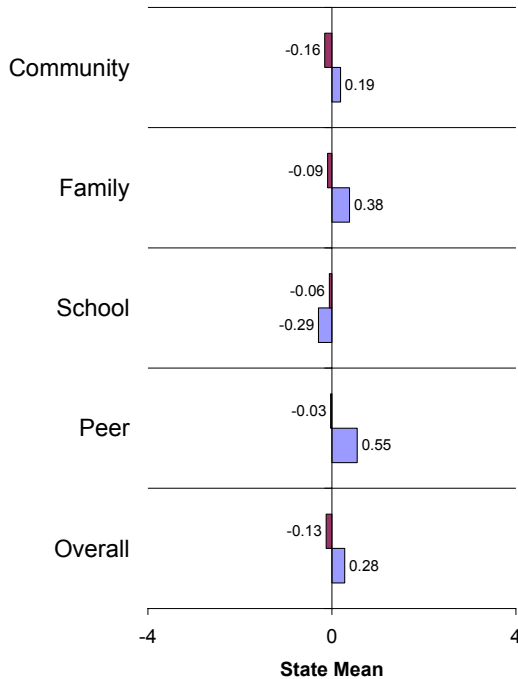
- Among Community variables, Gibson County's new residential unit and liquor store rates were high and net migration was slightly elevated.
- Among Family variables, Gibson County's foster care rate was high and domestic violence was elevated.
- Among School variables, Gibson County's 8th grade reading achievement and event dropout rate were elevated.
- The alcohol-related crime rate among 10-14 year olds in Gibson County was elevated.

Henry County Pop. 31115

Non-Metro Counties ■
Henry County ■



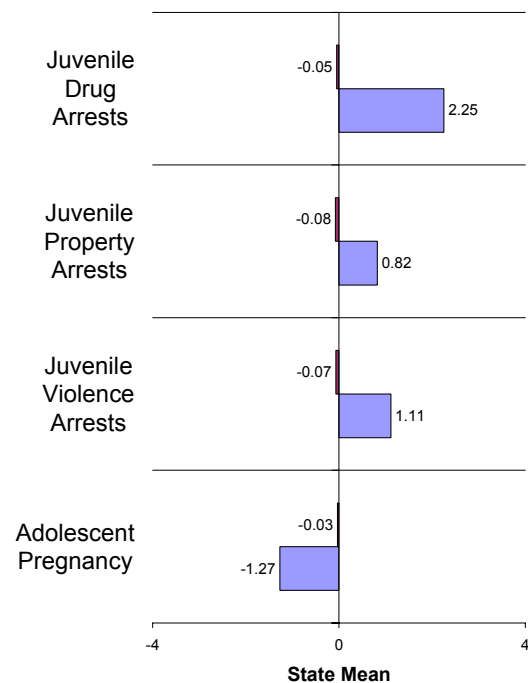
Risk Factor Scores



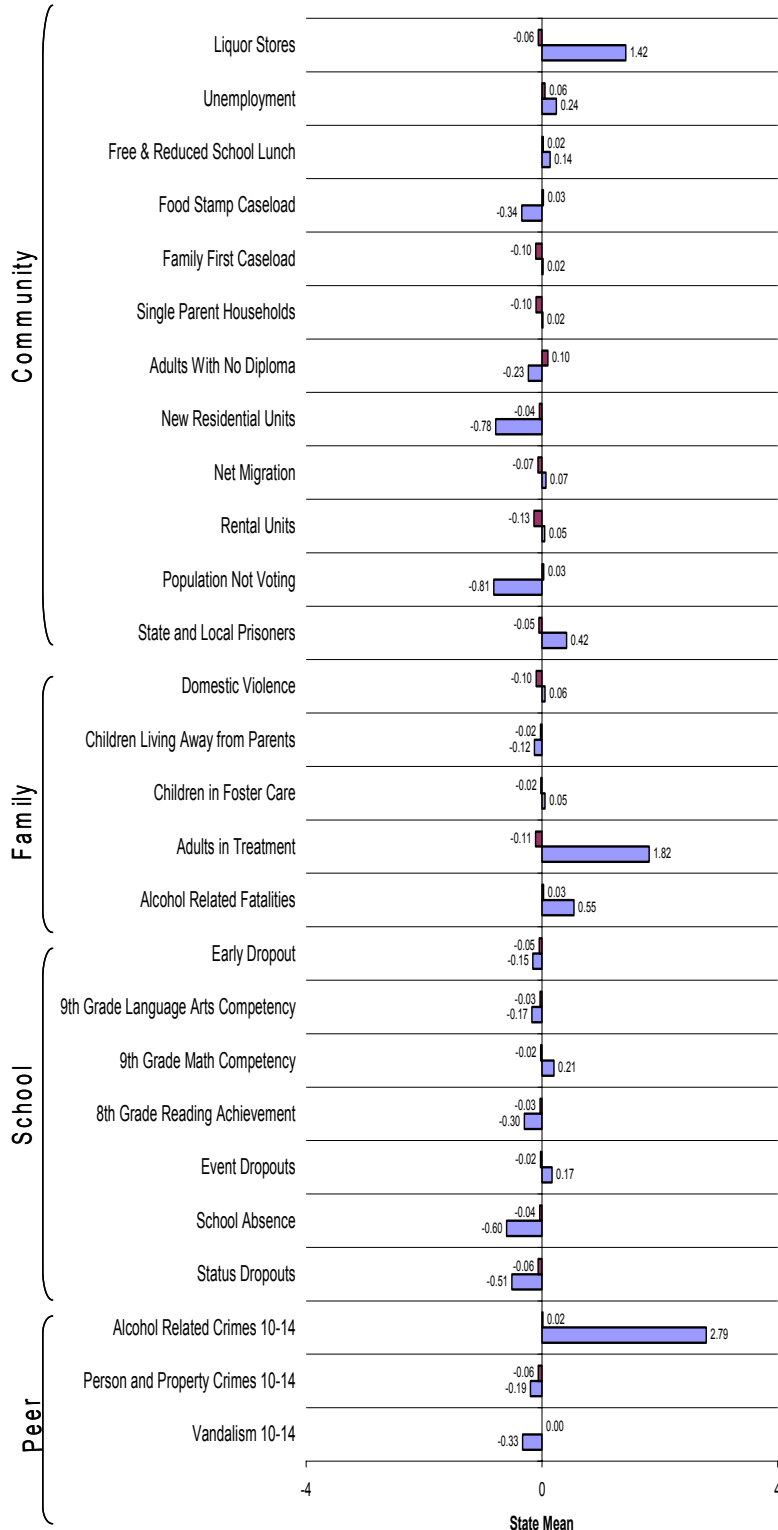
- Henry County's Community, Family, Peer and Overall risk factor scores were elevated.

- Henry County's juvenile drug arrest rate was very high and juvenile property and violent crime arrest rates were high. The adolescent pregnancy rate was low.

Problem Behaviors



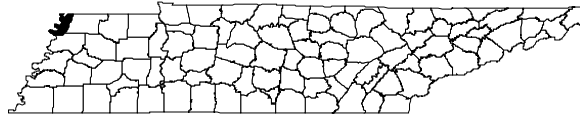
Social Indicator Variables



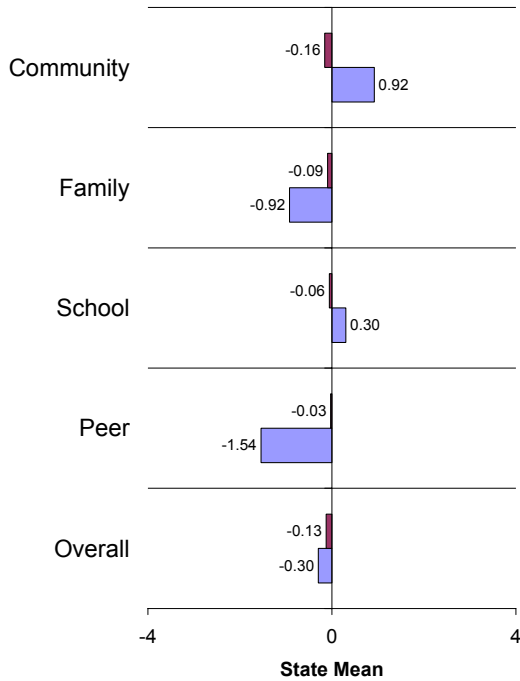
- Among Community variables, Henry County's liquor store rate was high, the state and local prisoner rate was elevated and the unemployment and rental unit rate were slightly elevated.
- Among Family variables, Henry County's adult treatment and alcohol related fatality rates were high.
- Henry County's 9th grade math competency test performance was below average and the event dropout rate was slightly elevated.
- The alcohol-related crime rate among 10-14 year olds in Henry County was very high.

Lake County Pop. 7954

Non-Metro Counties ■
Lake County ■



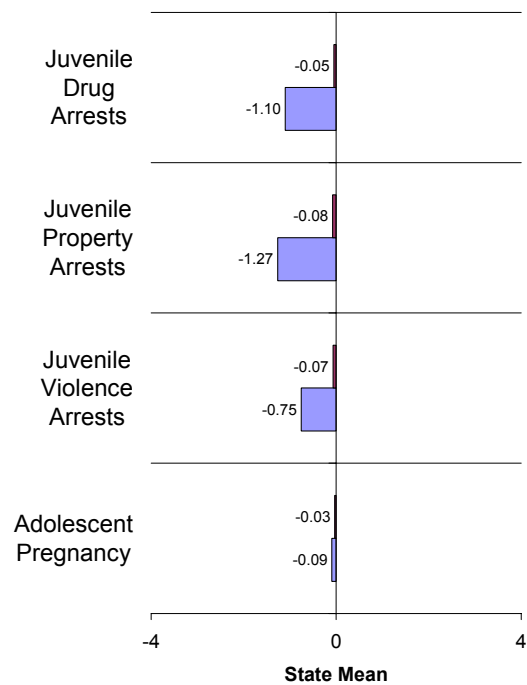
Risk Factor Scores



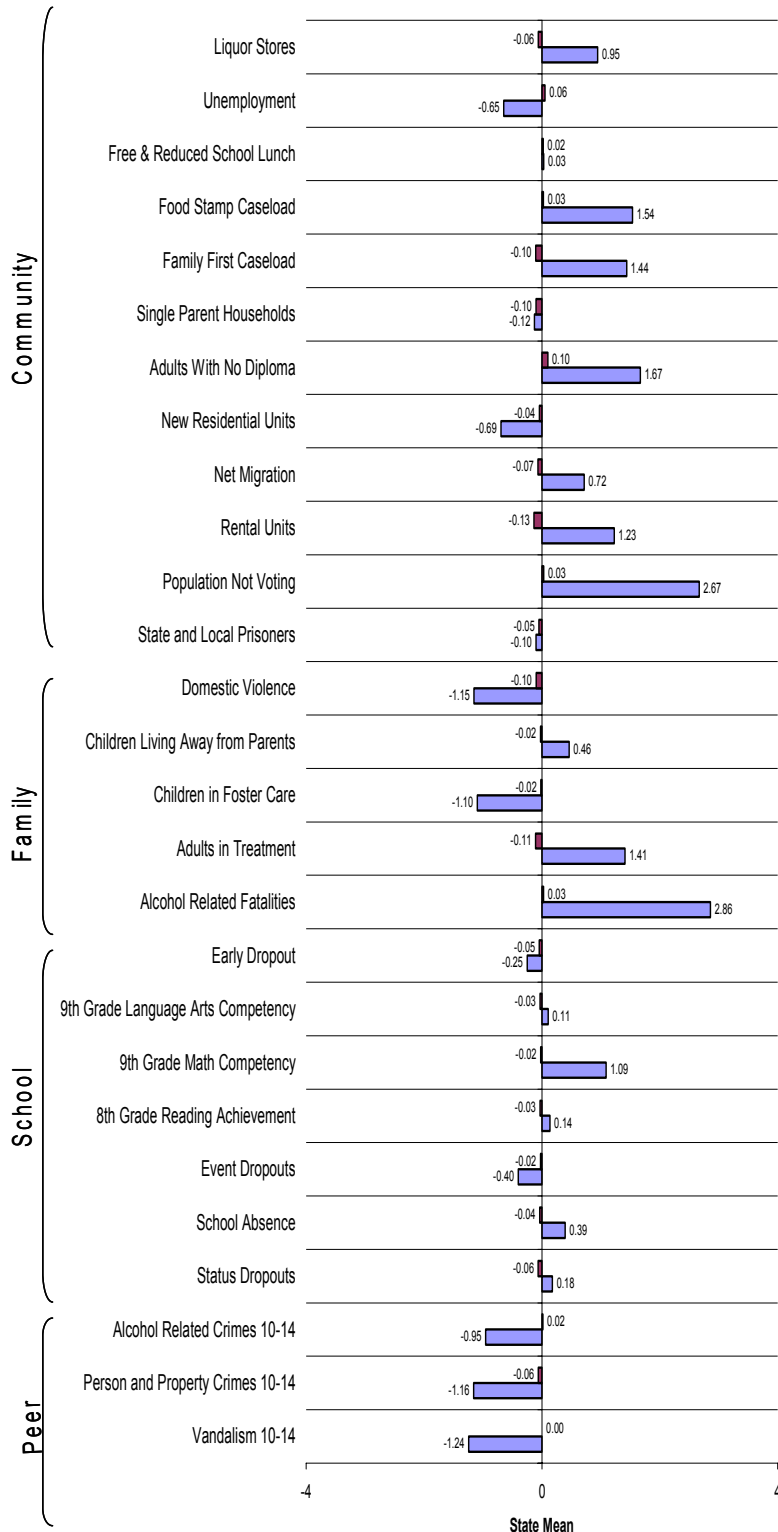
- Lake County's Community risk factor score was high and the School factor score was elevated.

- Lake County was average or below on all problem behavior rates.

Problem Behaviors



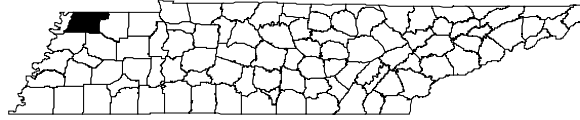
Social Indicator Variables



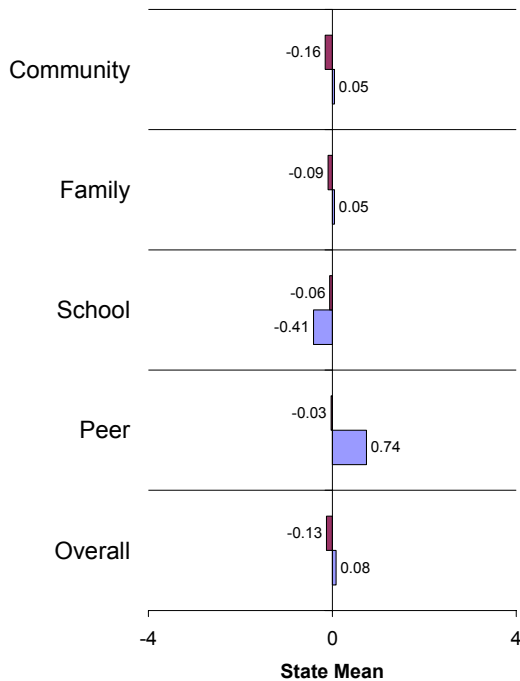
- Among Community variables, Lake County's liquor store, food stamp and family first caseload, adults without diploma, rental unit, and nonvoting population rates were high, and the net migration rate was elevated.
- Among Family variables, Lake County's alcohol related fatality rate was very high. The adult treatment rate was high and children living away from parents was elevated.
- Among School variables, Lake County's 9th grade math competency test performance was poor and absenteeism and status dropout rates were elevated.
- Peer related crime rates among 10-14 year olds in Lake County were low.

Obion County Pop. 32450

Non-Metro Counties ■
Obion County ■



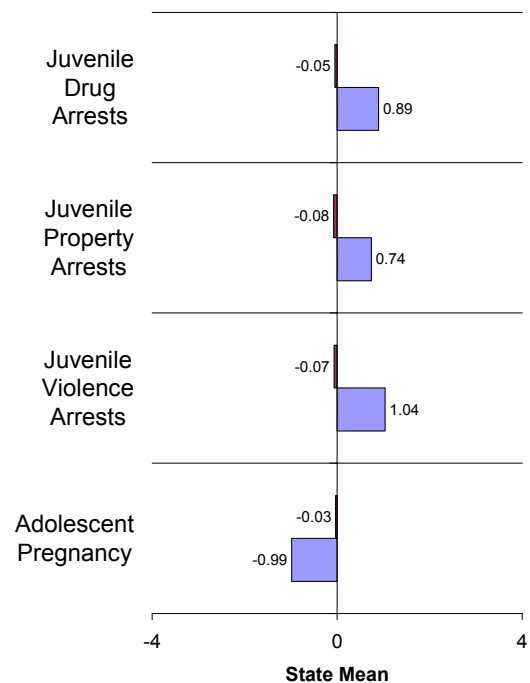
Risk Factor Scores



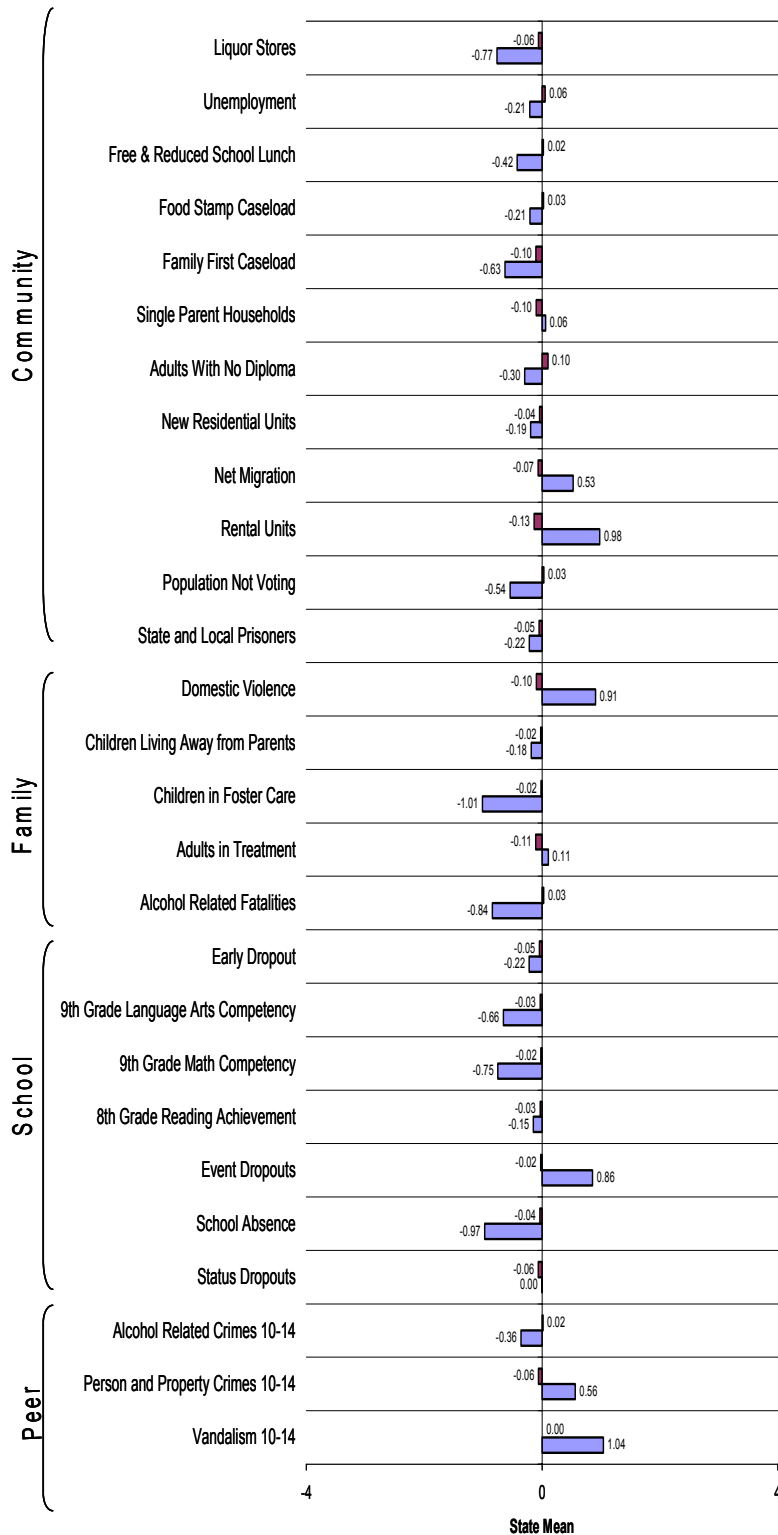
- Obion County's Community and Overall risk factor scores were slightly elevated and the Peer factor score was moderately high.

- Obion County's juvenile drug, property, and violent crime rates were all high. The adolescent pregnancy rate in Obion County was low.

Problem Behaviors



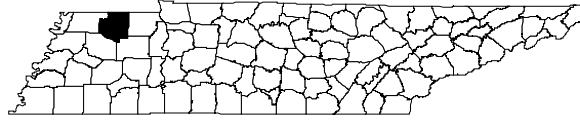
Social Indicator Variables



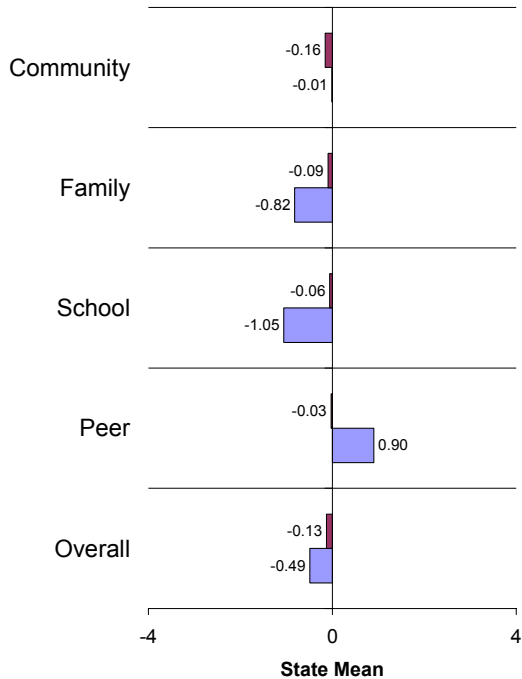
- Among Community variables, Obion County's net migration rate was moderately high and the rental unit rate was high.
- Among Family variables, Obion County's domestic violence rate was high and the adult treatment rate was slightly elevated.
- Among School variables, Obion County's event dropout rate was high.
- Person and property crime and vandalism rates among 10-14 year olds in Obion County were elevated.

Weakley County Pop. 34895

Non-Metro Counties ■
Weakley County ■



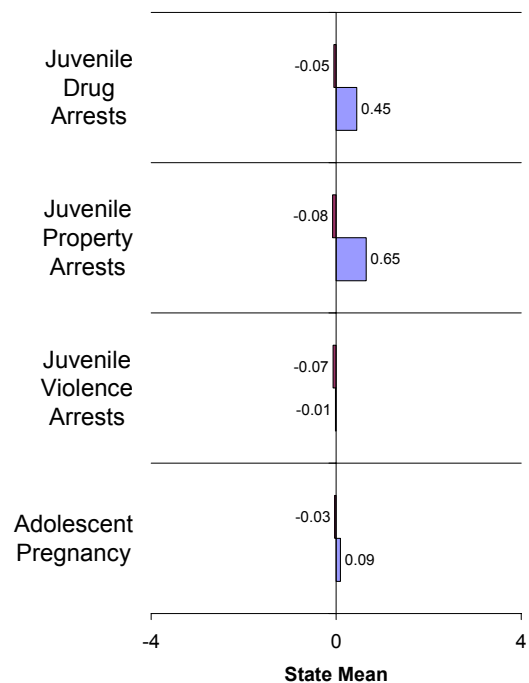
Risk Factor Scores



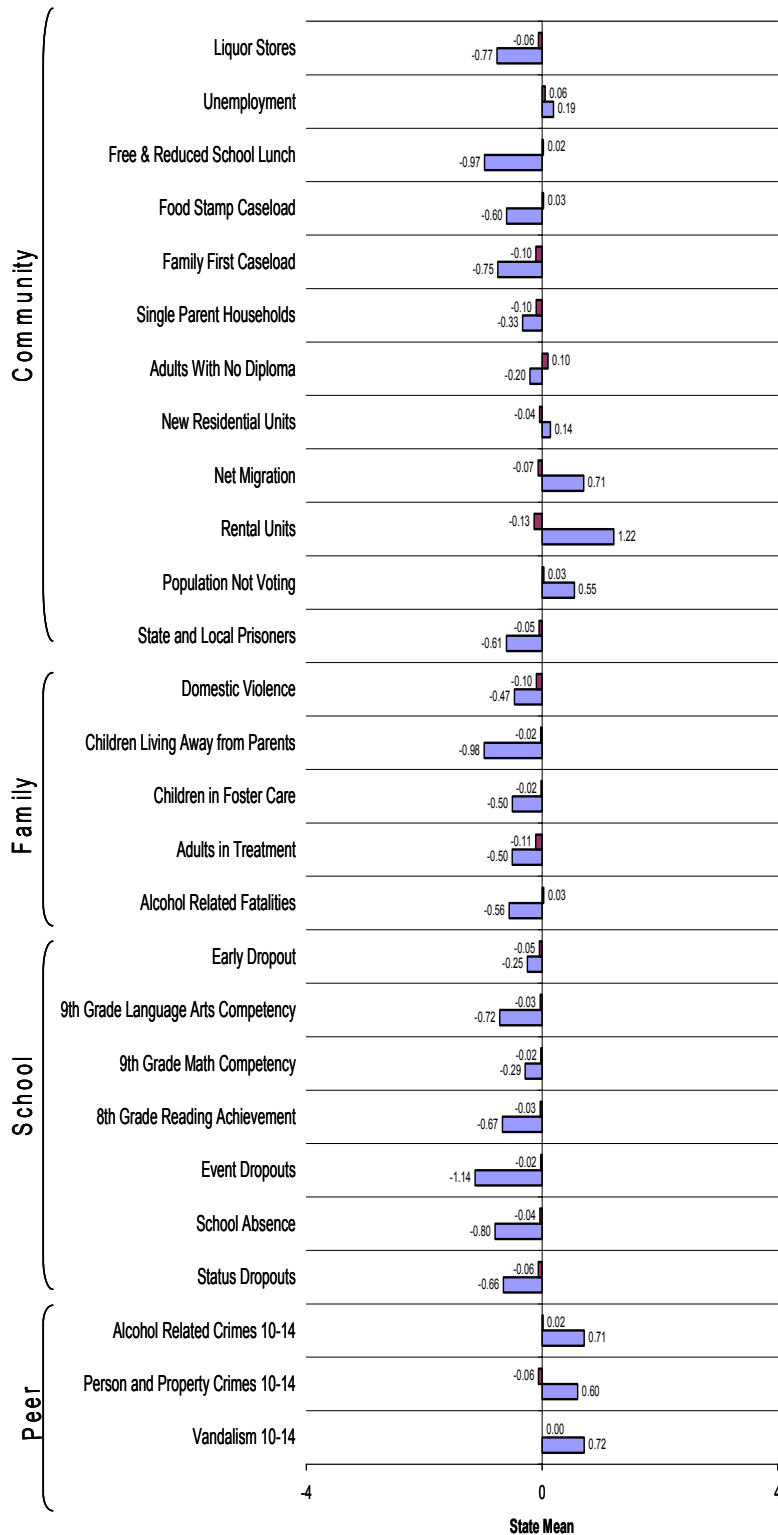
- Weakley County's Peer risk factor score was high. Otherwise, Weakley County's risk factor scores were average or low.

- Weakley County's juvenile drug and property crime rates were moderately high. Otherwise, Weakley County's problem behavior rates were average for a non-metro county.

Problem Behaviors



Social Indicator Variables

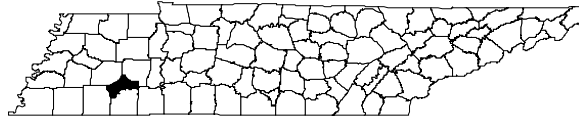


- Among Community variables, Weakley County's rental unit rate was high, its net migration and nonvoting rates were elevated, and its new residential unit rate was slightly elevated.
- All of Weakley County's Family and School related variables were low.
- Each of Weakley County's Peer related 10-14 year old crime rates, alcohol-related, person and property, and vandalism were elevated.

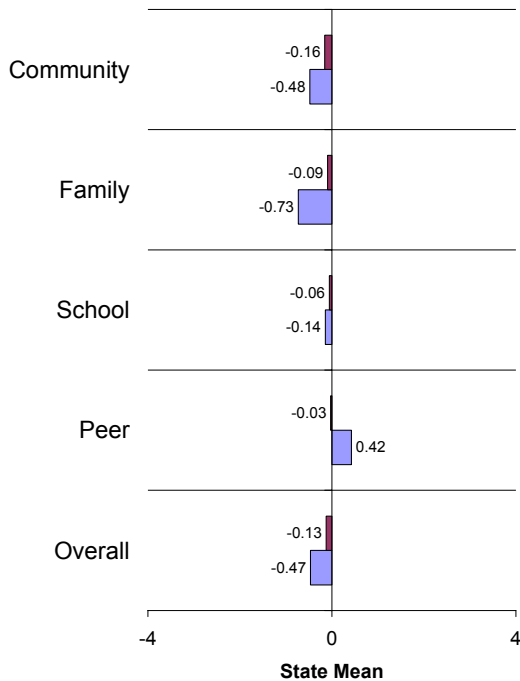
Southwest Region

Chester County Pop. 15540

Non-Metro Counties ■
Chester County ■



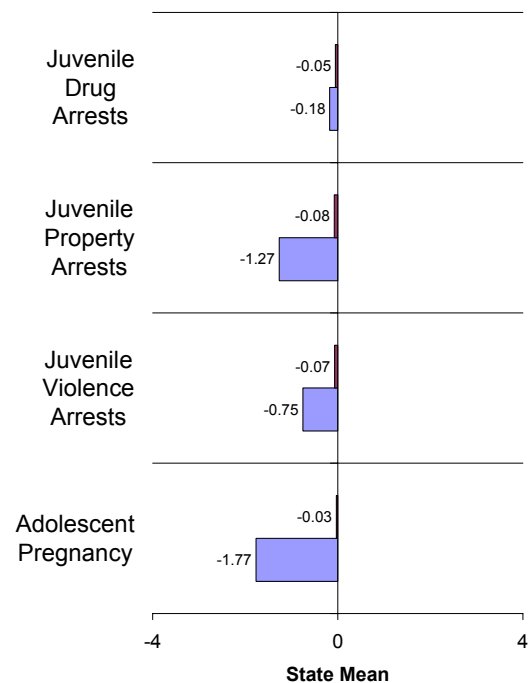
Risk Factor Scores



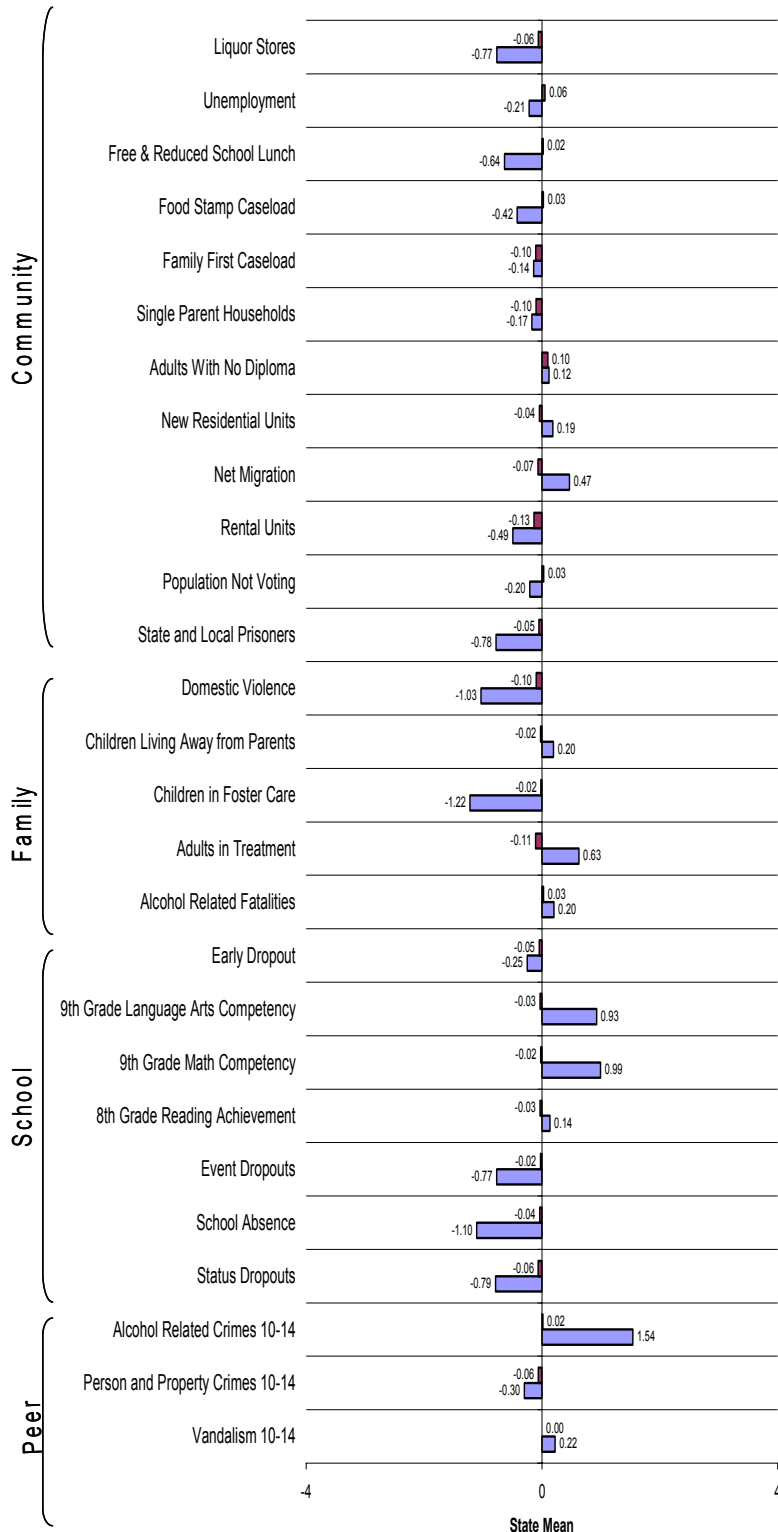
- Chester County's Peer risk factor score was elevated. All other risk scores were average or below.

- Chester County's problem behavior rates were all average or below.

Problem Behaviors



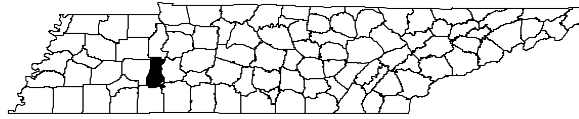
Social Indicator Variables



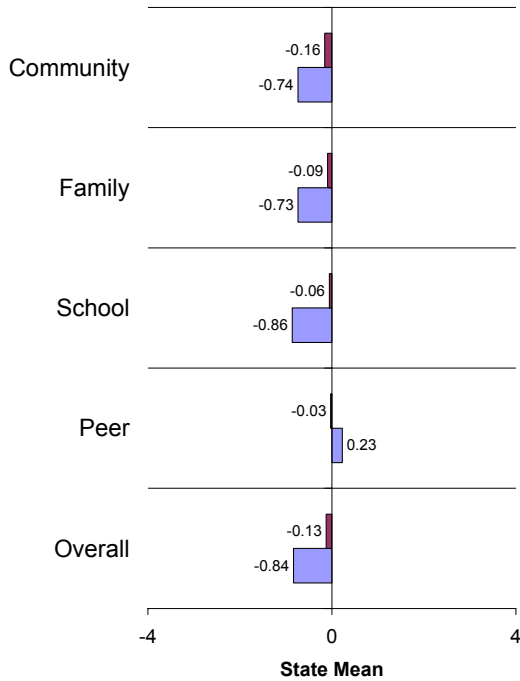
- Among Community variables, Chester County's net migration rate was elevated and the new residential unit rate was slightly elevated.
- Among Family variables, Chester County's adult treatment rate was elevated, and the children living away from parents and alcohol related fatality rates were slightly elevated.
- Performance on the 9th grade language arts and math competency tests in Chester County was poor.
- The alcohol-related crime rate among 10-14 year olds in Chester County was high and the vandalism rate was elevated.

Decatur County Pop. 11731

Non-Metro Counties ■
Decatur County ■



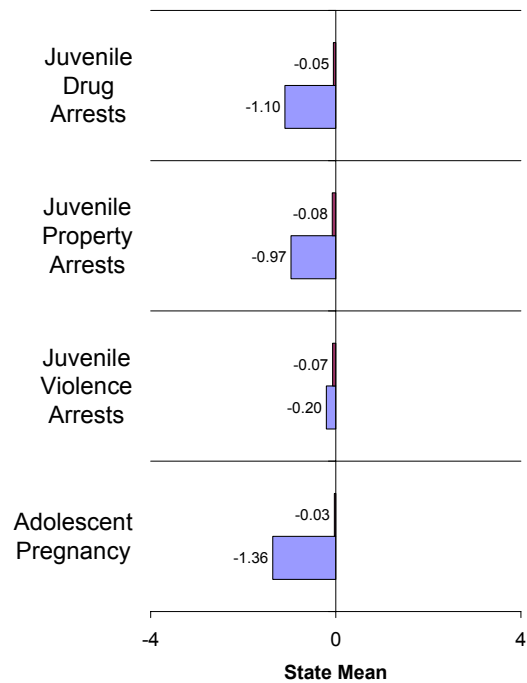
Risk Factor Scores



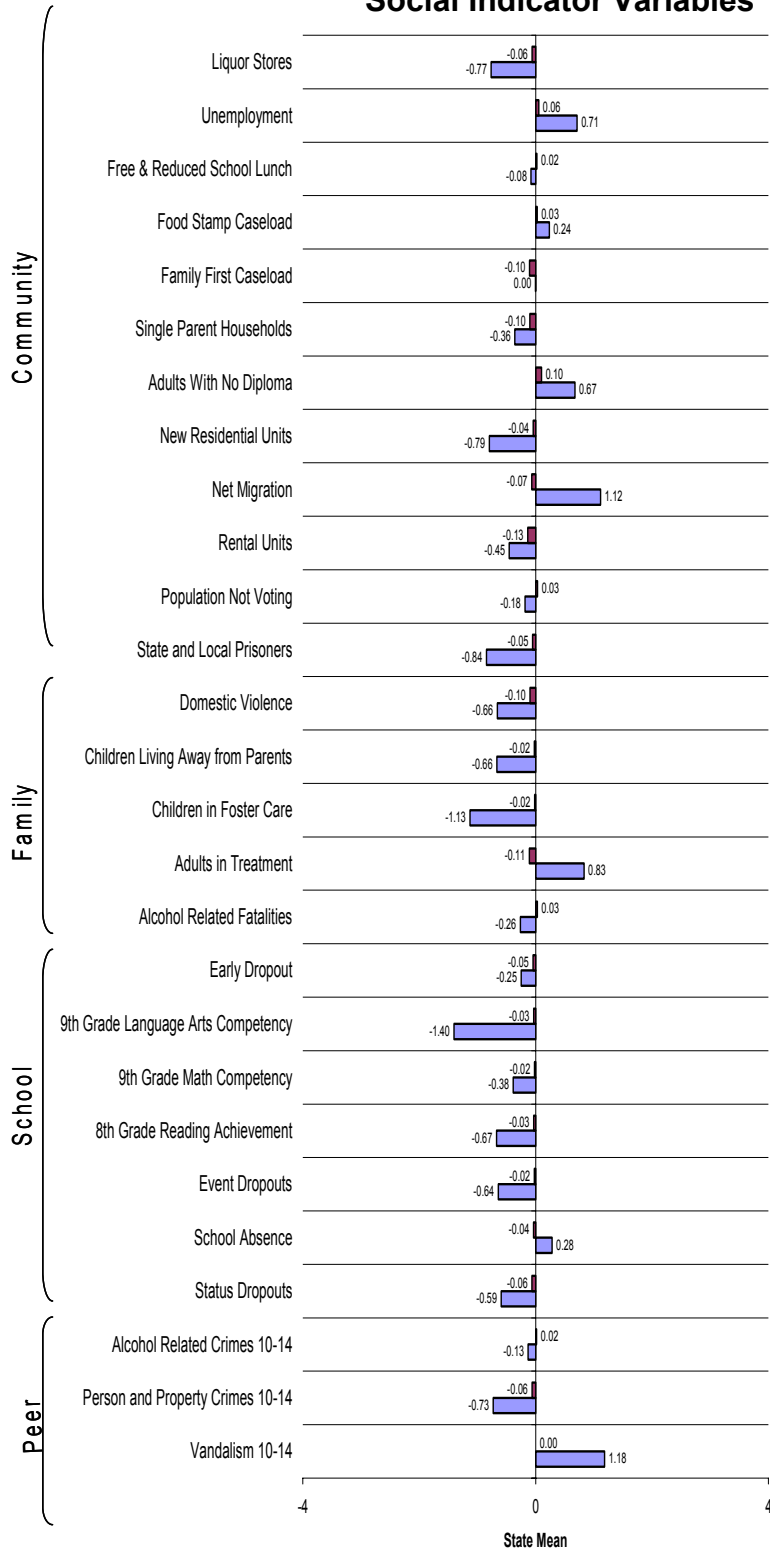
- Decatur County was slightly elevated on the Peer risk factor. All other risk scores were low.

- Decatur County was average or below on all problem behavior rates.

Problem Behaviors



Social Indicator Variables



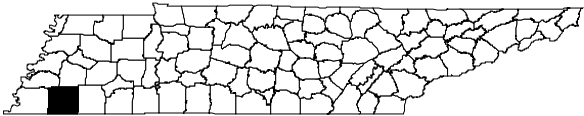
- Among Community variables, Decatur County's net migration rate was high. Unemployment and adults without diploma rates were elevated and the food stamp caseload was slightly elevated.
- Among Family variables, the Decatur County adult treatment rate was high.
- Decatur County's absenteeism rate was elevated.
- The vandalism rate among 10-14 year olds in Decatur County was high.

Fayette County

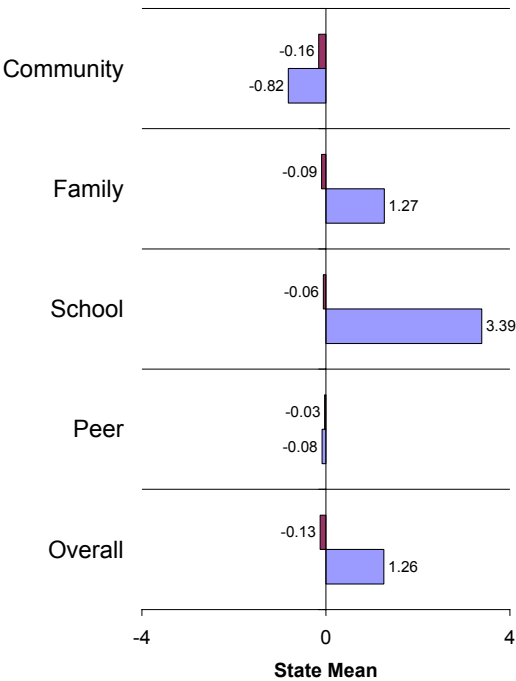
Pop. 28806

Non-Metro Counties ■

Fayette County ■



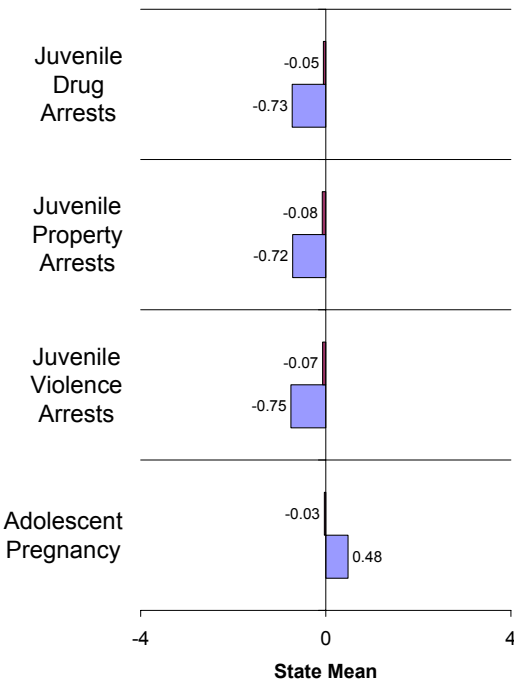
Risk Factor Scores



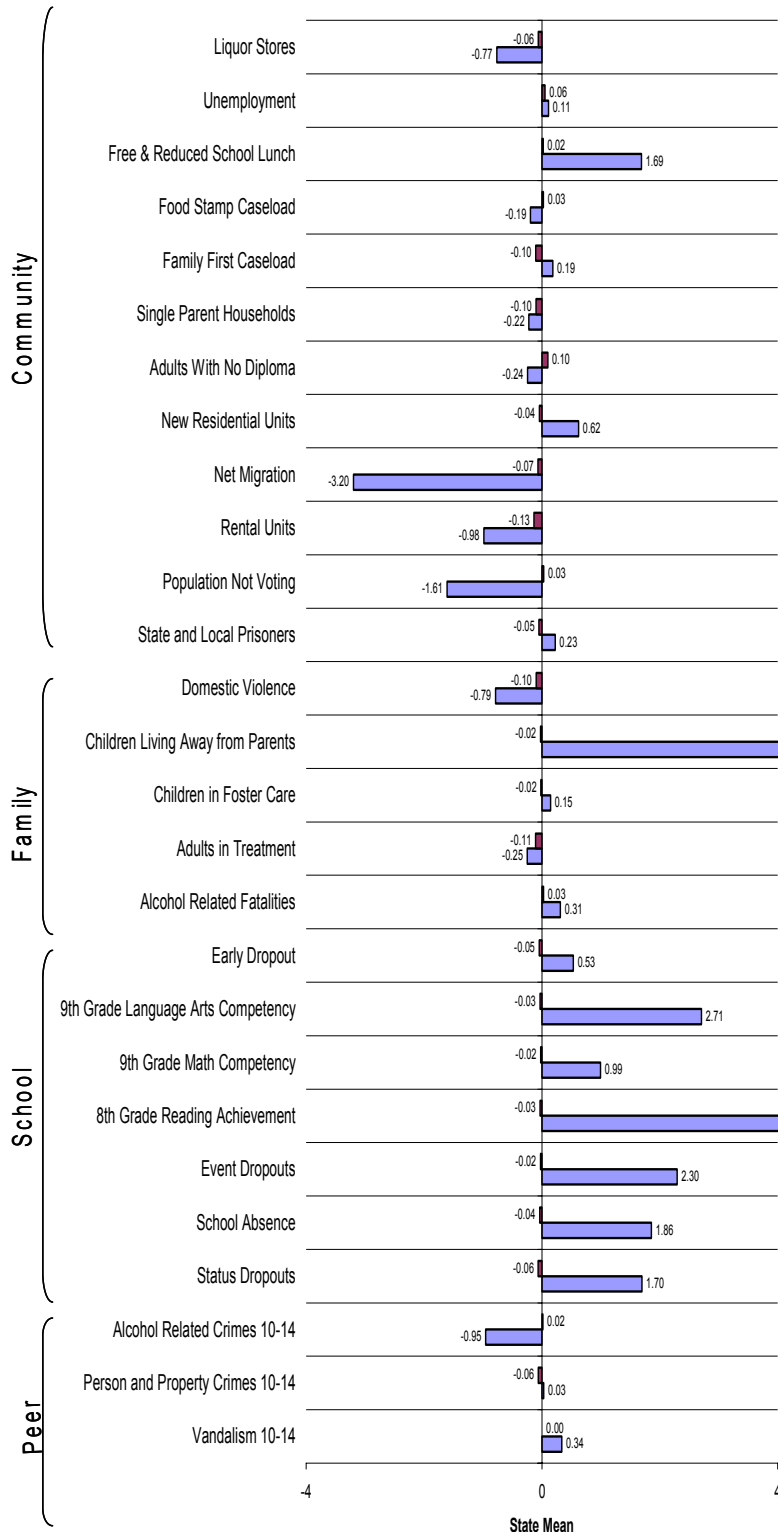
- Fayette County’s School risk factor score was extremely high. The Family and Overall risk factor scores were high.

- Fayette County’s adolescent pregnancy rate was elevated. All other problem behavior rates were low.

Problem Behaviors



Social Indicator Variables

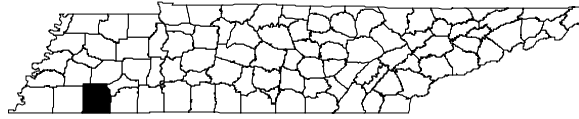


- Among Community variables, Fayette County's free and reduced school lunch rate was high. New residential units, state and local prisoners, and family first caseload rates were elevated.
- Among Family variables, Fayette County's rate of children living away from parents was extremely high and the alcohol related fatalities rate was elevated.
- Among Fayette County's School variables performance on the 8th grade reading and 9th grade language arts tests was extremely poor. Performance on the 9th grade math competency test was also poor. Absenteeism and dropout rates ranged from high to very high.
- The vandalism rate among 10-14 year olds in Fayette County was elevated.

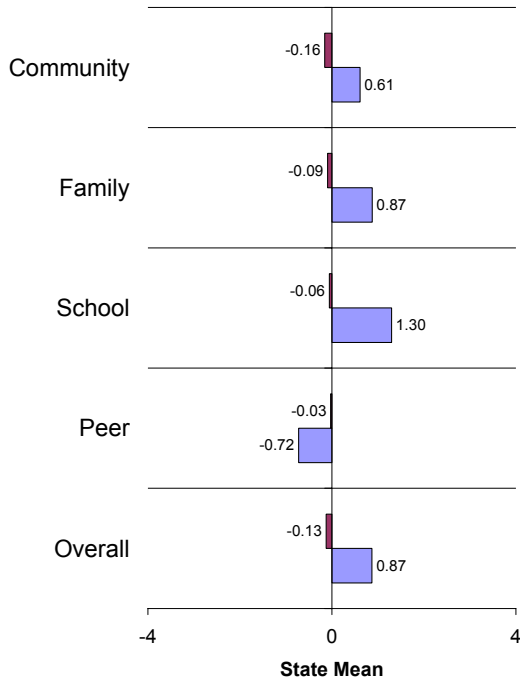
Hardeman County

Pop. 28105

Non-Metro Counties ■
Hardeman County ■



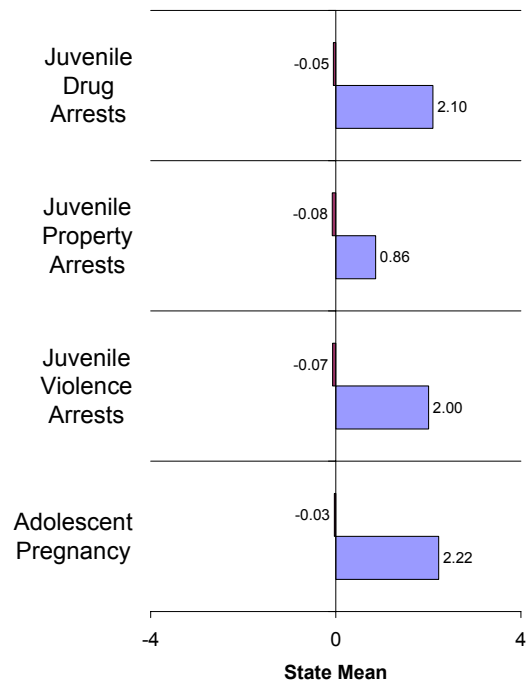
Risk Factor Scores



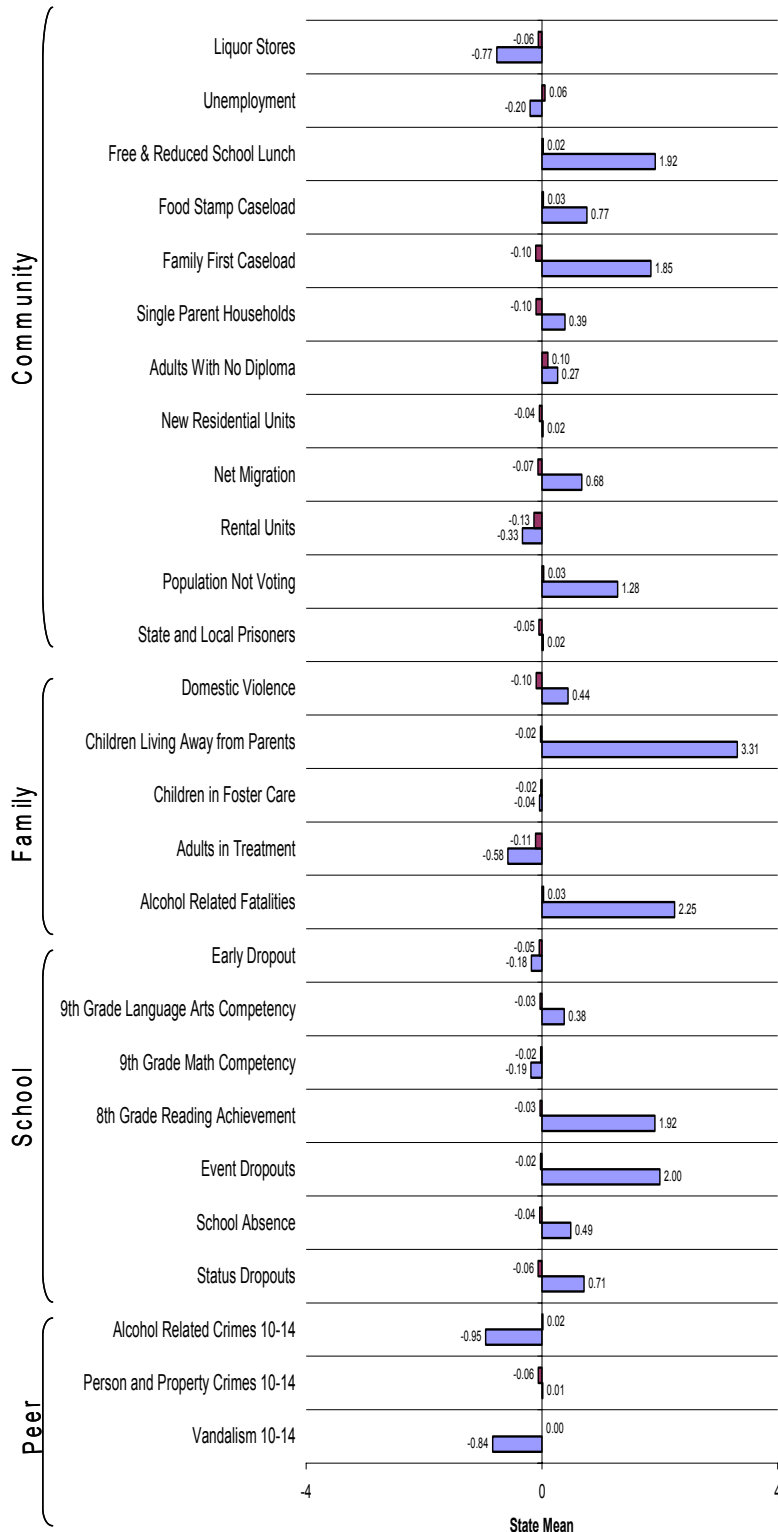
- Hardeman County was elevated on the Community risk factor score and high on the Family, School, and Overall risk factors.

- The arrest rates for juvenile drug offenses and violent crimes in Hardeman County were very high and the arrest rate for juvenile property crimes was high.
- Hardeman County's adolescent pregnancy rate was also very high.

Problem Behaviors



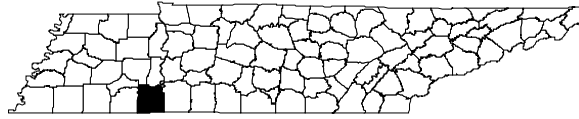
Social Indicator Variables



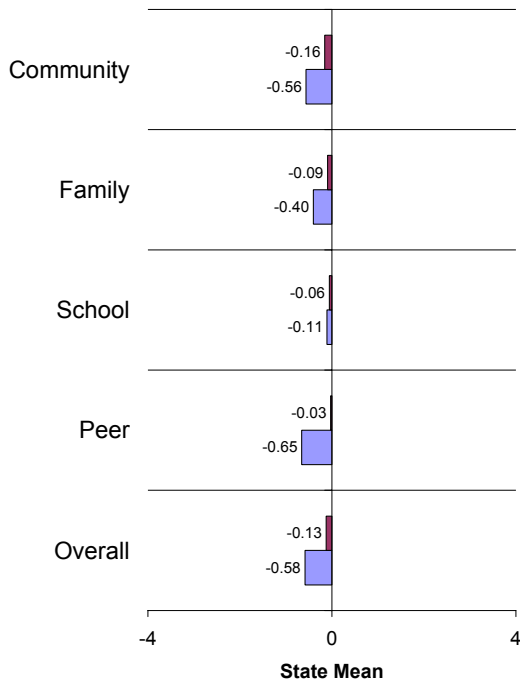
- Among Community variables, Hardeman County's free and reduced school lunch, family first caseload, and nonvoting population rates were high. Food stamp caseload, net migration, and single parent households were elevated.
- Among Family variables, Hardeman County's children living away from parents rate was extremely high and the alcohol related fatality rate was very high. The domestic violence rate was also elevated.
- Among school variables, Hardeman County's event dropout rate was very high and performance on the 8th grade reading achievement test was very poor. Status dropout and absenteeism rates were elevated and performance on the 9th grade language arts competency less than expected.
- Peer related crime rates among 10-14 year olds in Hardeman County were low or average.

Hardin County Pop. 25578

Non-Metro Counties ■
Hardin County ■



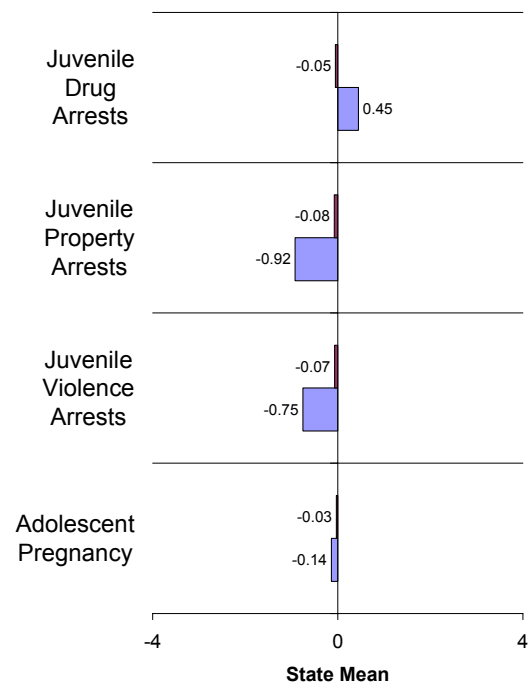
Risk Factor Scores



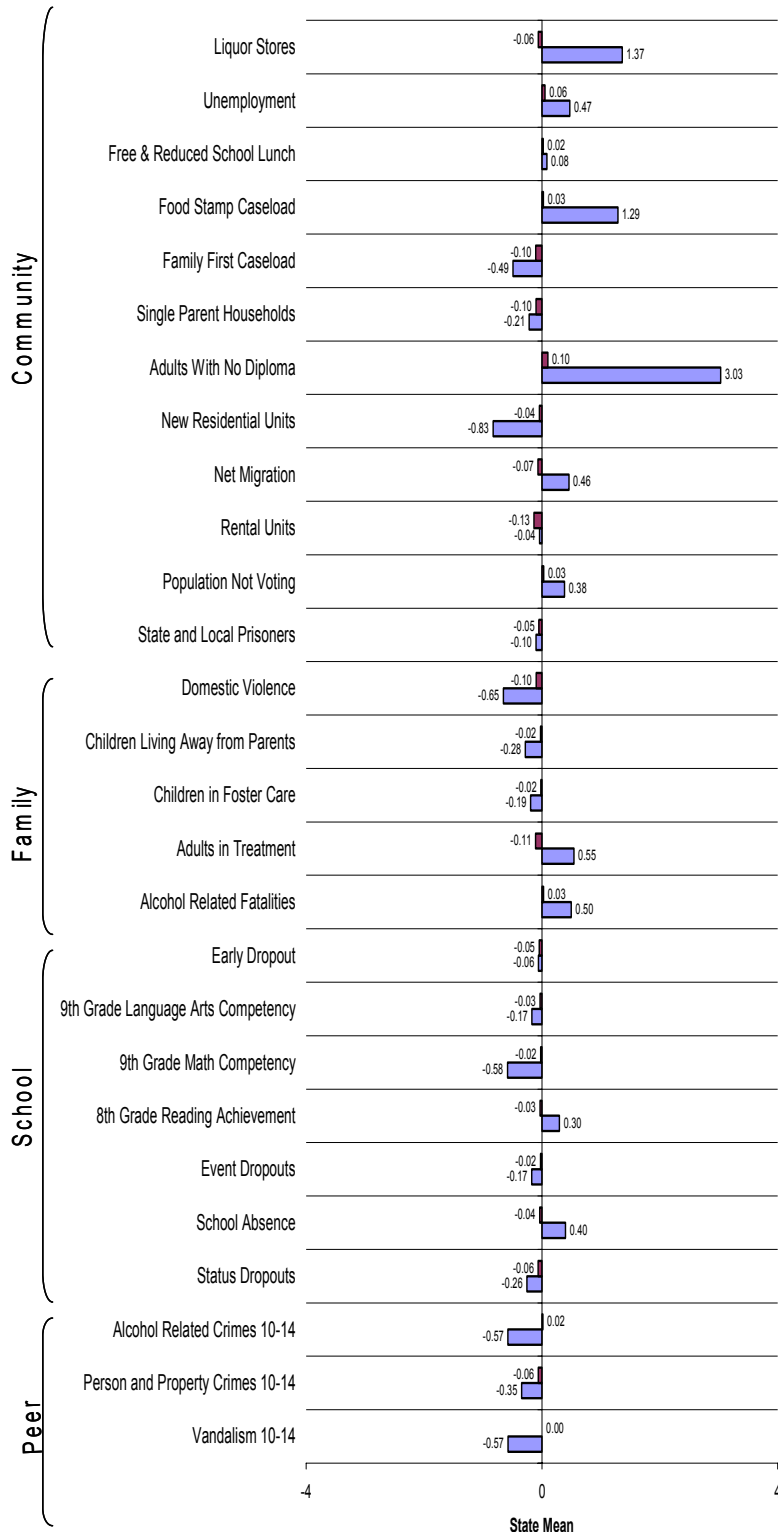
- Hardin County was low or average on all risk factor scores.

- Hardin County's juvenile drug arrest rate was elevated. All other problem behaviors were low or average for a non-metro county.

Problem Behaviors



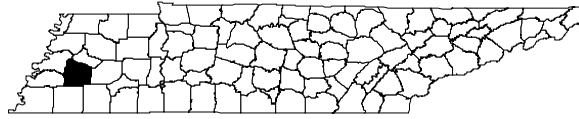
Social Indicator Variables



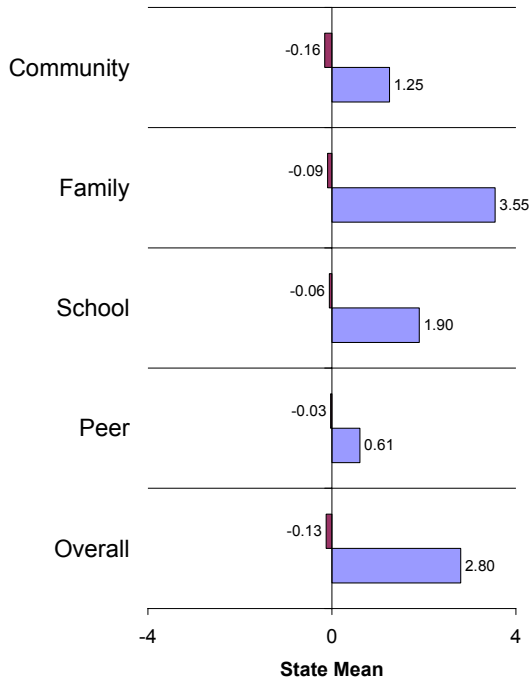
- Among Community variables, Hardin County's adults without diplomas rate was very high. The liquor store and food stamp caseload rates were high. Additionally, unemployment, net migration and nonvoting were elevated.
- Among Family variables, Hardin County's adult treatment and alcohol related fatality rates were elevated.
- Performance on the 8th grade reading achievement test in Hardin County was less than expected and absenteeism was elevated.
- Peer related crime rates among 10-14 year olds in Hardin County were low.

Haywood County Pop. 19797

Non-Metro Counties ■
Haywood County ■



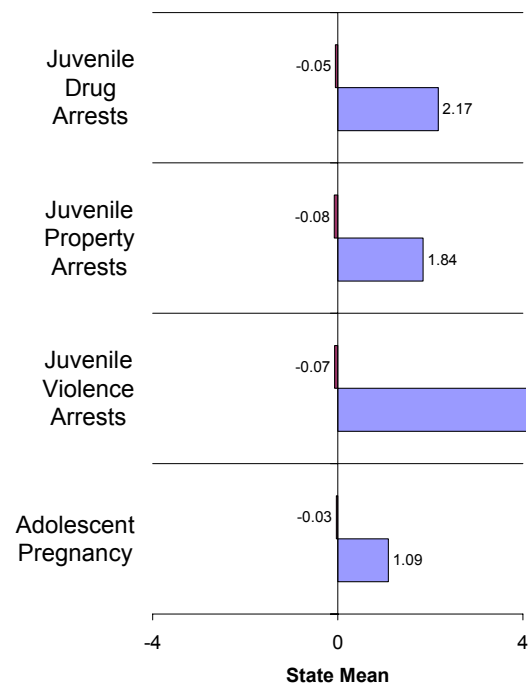
Risk Factor Scores



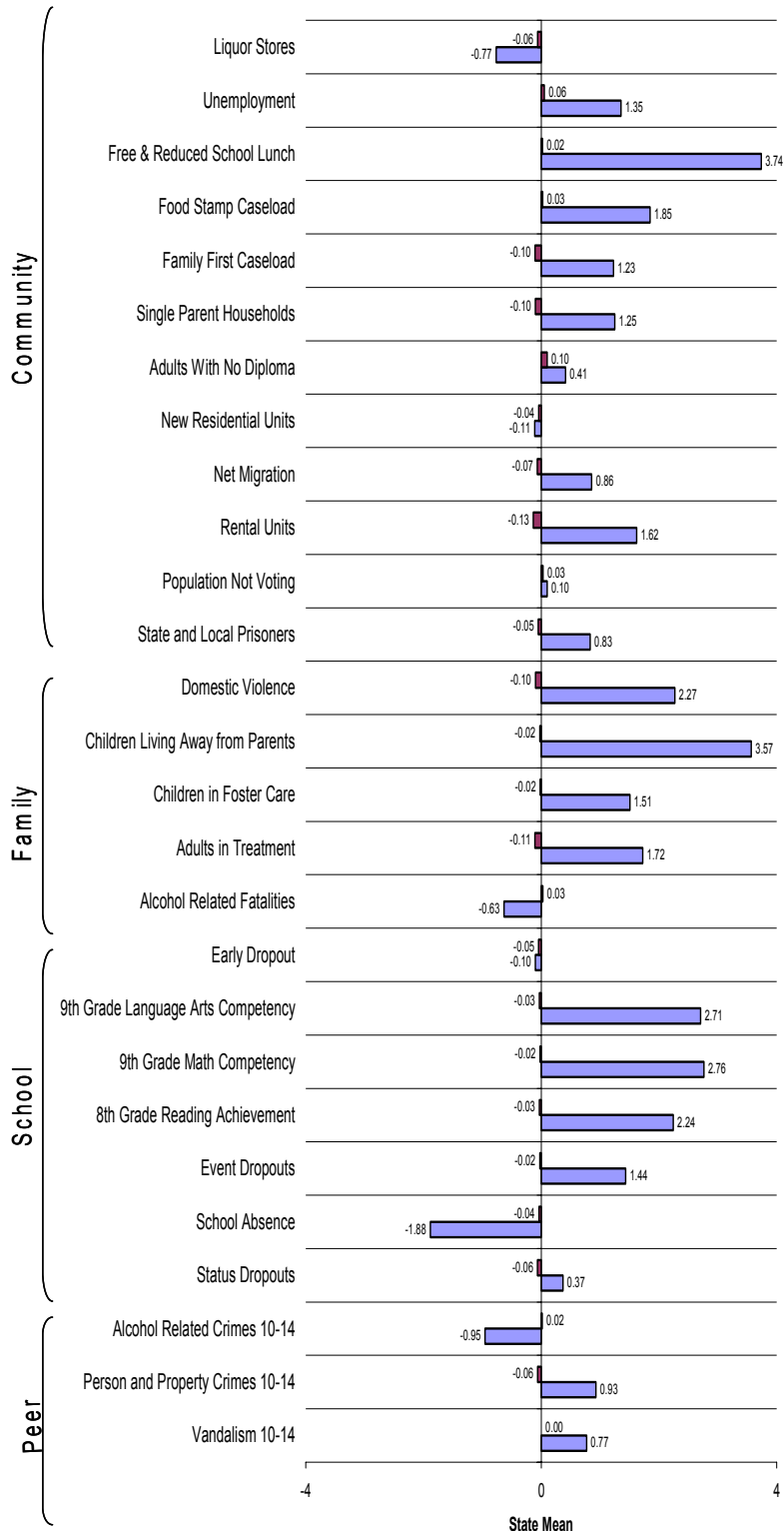
- Haywood County was extremely high on the Family and Overall risk factor scores, very high on the School risk factor, high on the Community risk factor, elevated on the Peer risk factor.

- Haywood County's juvenile violence arrest rate was extremely high.
- The juvenile drug arrest rate in Haywood County was very high and the juvenile property crime arrest and adolescent pregnancy rates were high.

Problem Behaviors



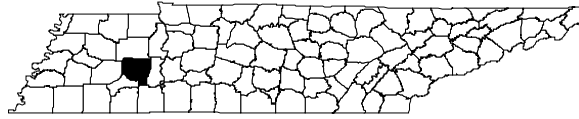
Social Indicator Variables



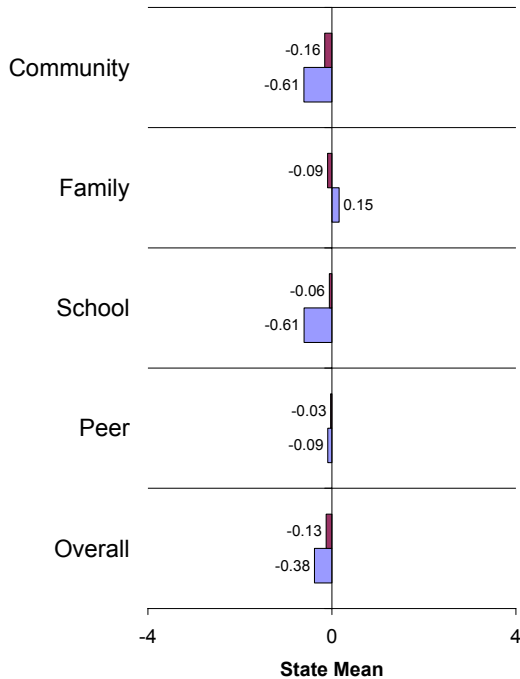
- Among Community variables, Haywood County's free and reduced school lunch rate was extremely high. Unemployment, food stamp and family first caseload, single parent household, net migration, rental unit, and state and local prisoner rates were high. The adults without diplomas rate was elevated.
- Among Family variables, the rate of children living away from parents was extremely high and domestic violence was very high. The rates for children living in foster care and adults in treatment were also high.
- Performance on the 9th grade competency and 8th grade achievement tests was very poor. Additionally, the event dropout rate was high and the status dropout rate was elevated.
- The person and property crime rate among 10-14 year olds in Haywood County was high and the vandalism rate was elevated.

Henderson County Pop. 25522

Non-Metro Counties ■
Henderson County ■



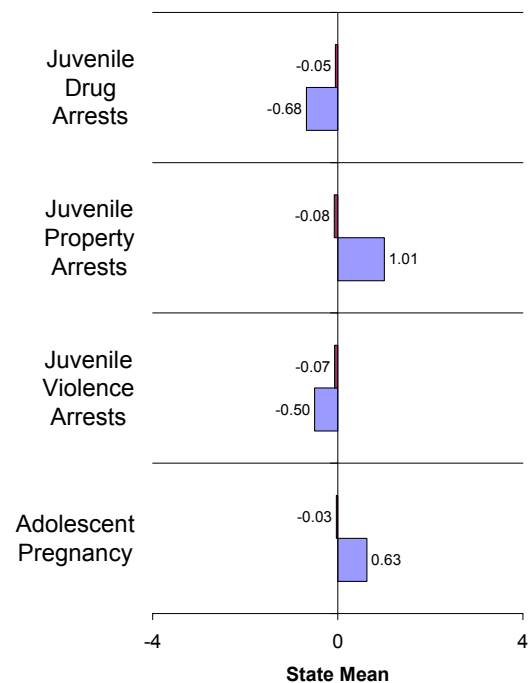
Risk Factor Scores



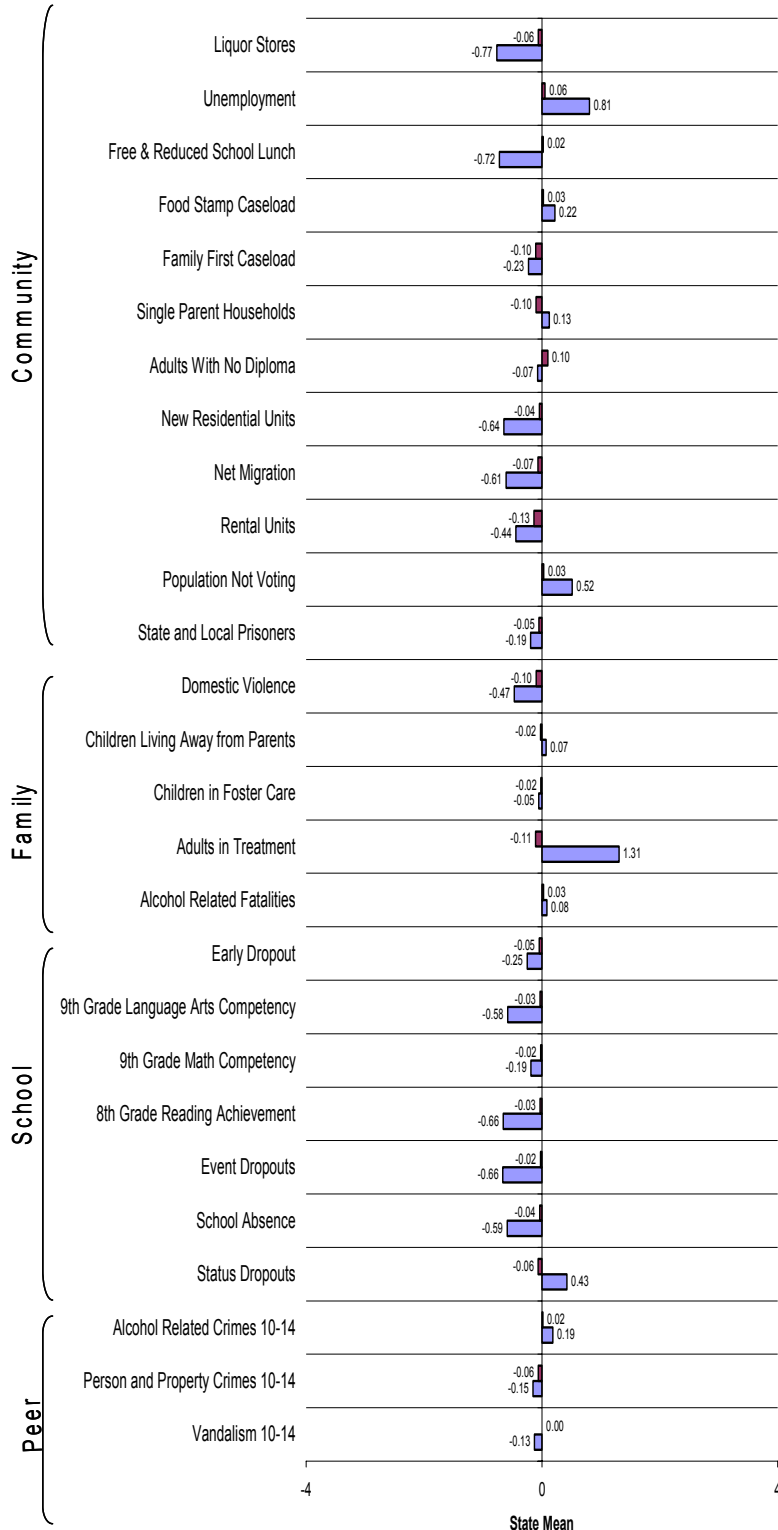
- Henderson County was elevated on the Family risk factor.

- Henderson County's juvenile arrest rate for property crimes was high and the adolescent pregnancy rate was elevated.

Problem Behaviors



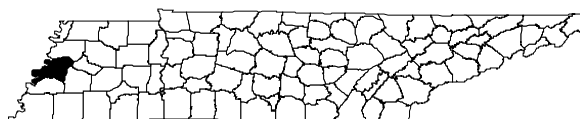
Social Indicator Variables



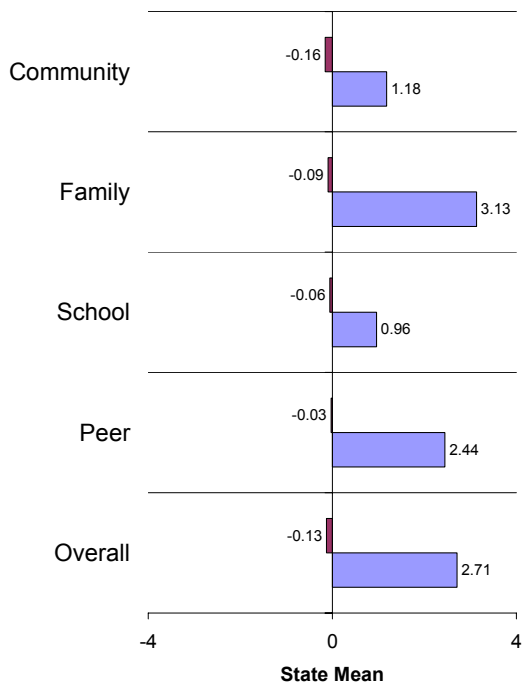
- Among Community variables, Henderson County's rate of unemployment was high, the food stamp caseload and nonvoting population rates were elevated, and the single parent household rate was slightly elevated.
- Among Family variables, Henderson County's adult treatment rate was high.
- Henderson County's status dropout rate was elevated. All other School variables were low.
- The crime rates for 10-14 year olds in Henderson County were average or low for a non-metro county.

Lauderdale County Pop. 27101

Non-Metro Counties ■
Lauderdale County ■



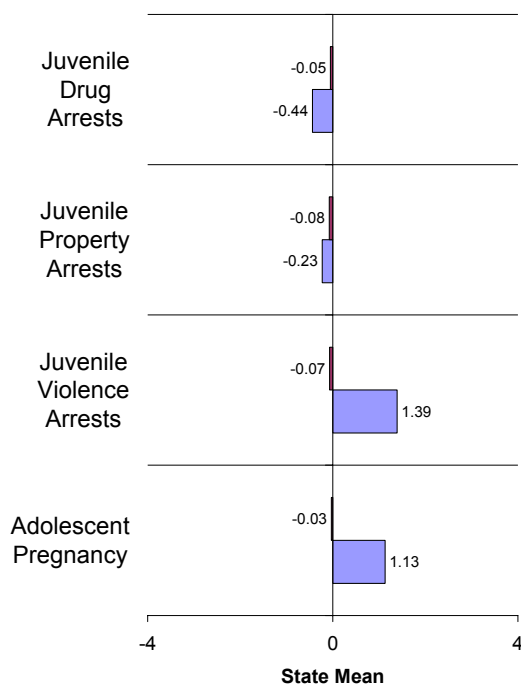
Risk Factor Scores



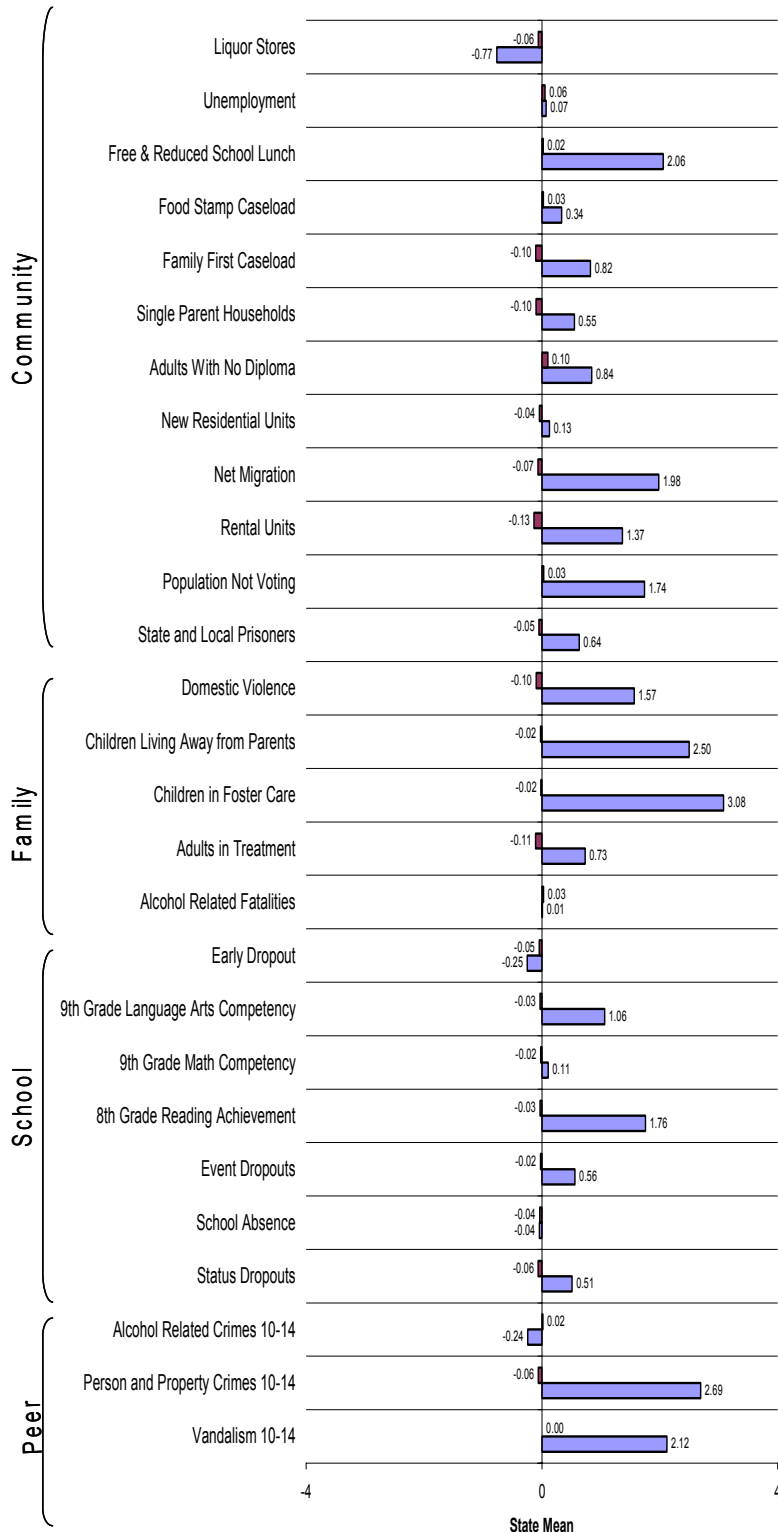
- Lauderdale County was extremely high on the Family risk factor, very high on the Peer and Overall risk factors, and high on the Community and School risk factors.

- Lauderdale County's juvenile violence arrest and adolescent pregnancy rates were high.

Problem Behaviors



Social Indicator Variables

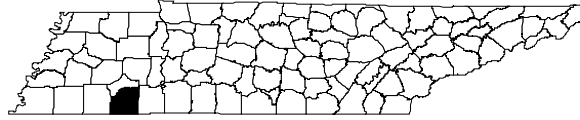


- Among Community variables, Lauderdale County's free and reduced school lunch and net migration rates were very high. All but three of the remaining Community variables were elevated or high.
- Among Family variables, Lauderdale County's foster care and children living away from parents rates were extremely high. All of the remaining Family variables except alcohol related fatalities were elevated or high.
- Among School variables, performance on the 9th grade language arts competency and 8th grade reading achievement tests was poor and the event and status dropout rates were elevated.
- The 10-14 year old person and property crime and vandalism rates in Lauderdale County were very high.

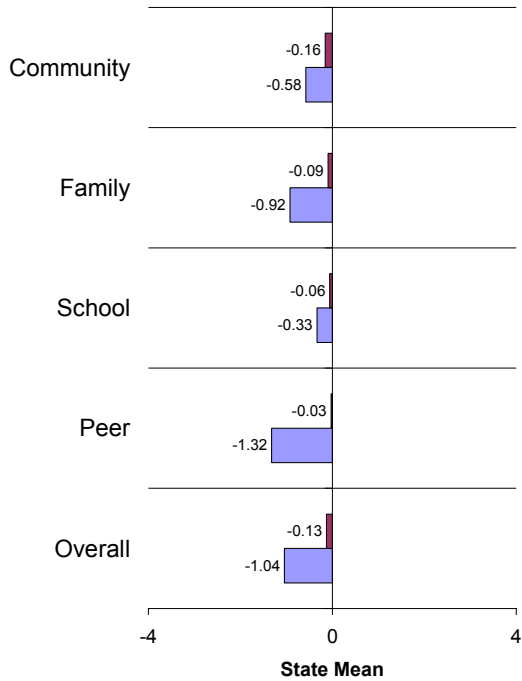
McNairy County

Pop. 24653

Non-Metro Counties ■
McNairy County ■



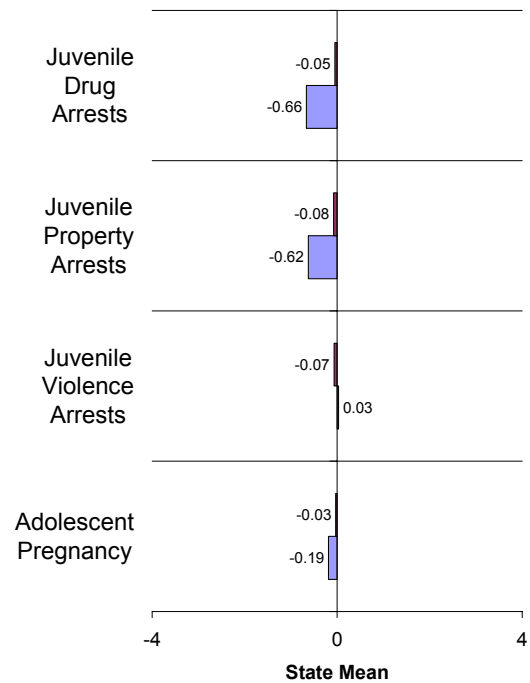
Risk Factor Scores



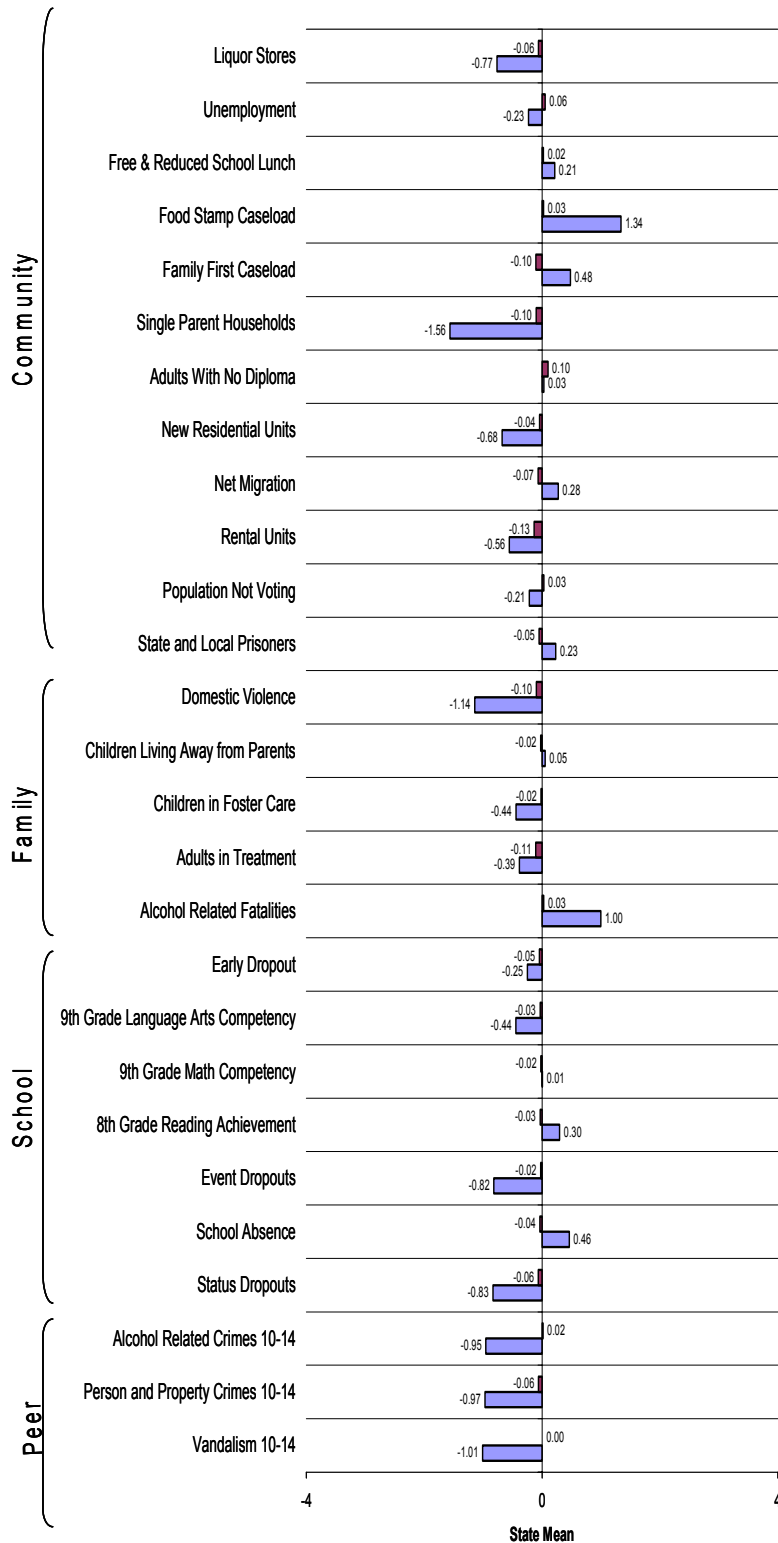
- All risk factor scores for McNairy County were low.

- McNairy County was average or below on all problem behavior rates.

Problem Behaviors



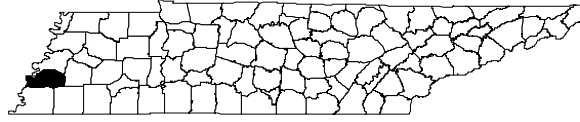
Social Indicator Variables



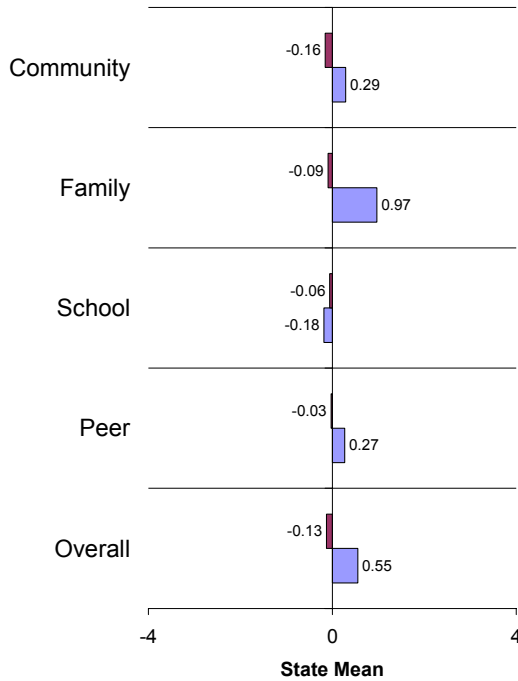
- Among Community variables, McNairy County's food stamp caseload was high. The family first caseload, net migration and state and local prisoner rates were elevated, and the free and reduced school lunch rate was slightly elevated.
- Among Family variables, McNairy County's alcohol related fatalities rate was high. Otherwise McNairy County's Family variables were average or below.
- Among School variables, McNairy County's performance on the 8th grade reading achievement test was below the state average and absenteeism was elevated.
- Peer related crime rates among 10-14 year olds in McNairy County were low.

Tipton County Pop. 51271

Non-Metro Counties ■
Tipton County ■



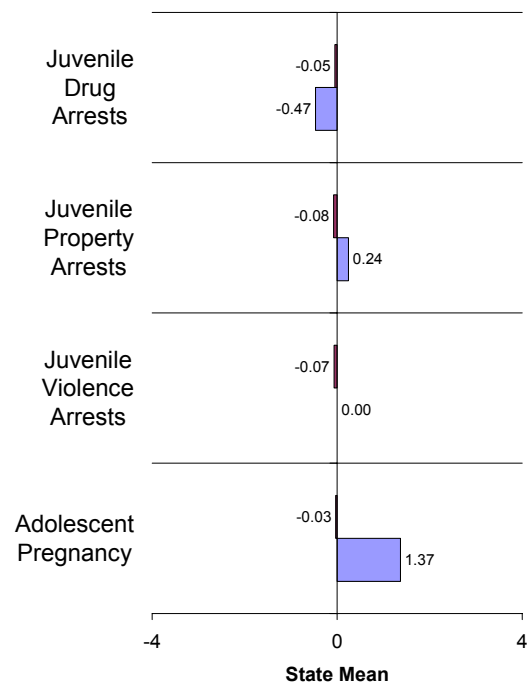
Risk Factor Scores



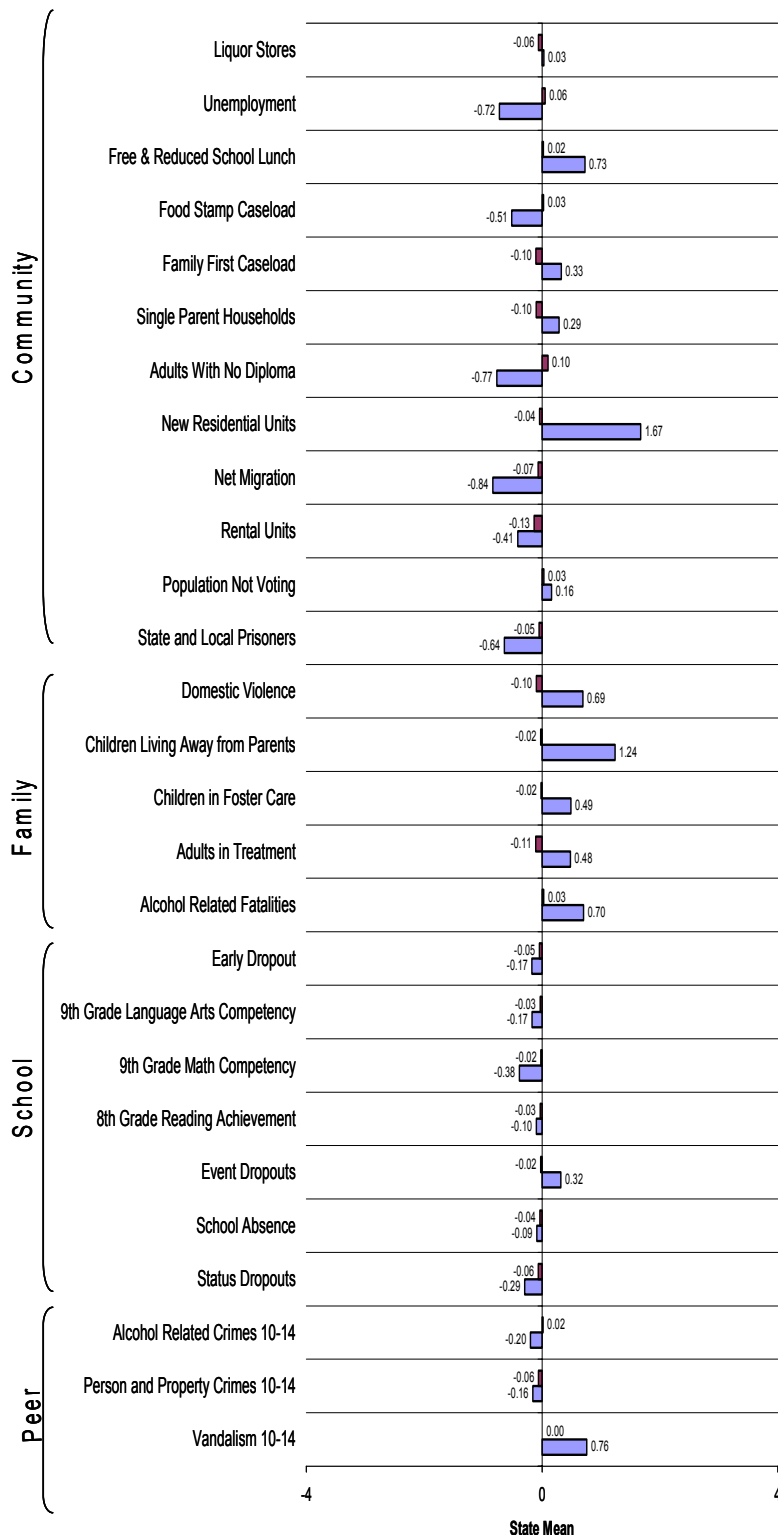
- Tipton County's Family risk factor score was high and the Community, Peer, and Overall risk factor scores were elevated.

- The juvenile arrest rate for property crimes in Tipton County was elevated and adolescent pregnancy rate was high.

Problem Behaviors



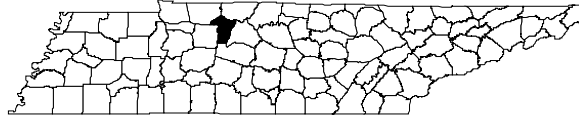
Social Indicator Variables



- Among Community variables, Tipton County's new residential unit rate was high. Additionally, free and reduced school lunch, family first caseload, and single parent household rates were elevated.
- Among Family variables, the rate of children living away from parents was high, and the domestic violence, foster care, adult treatment, and alcohol related fatality rates were elevated.
- The event dropout rate in Tipton County was elevated. All other School variables were low or average for a non-metro county.
- The vandalism rate among 10-14 year olds in Tipton County was elevated.

Mid Cumberland Region

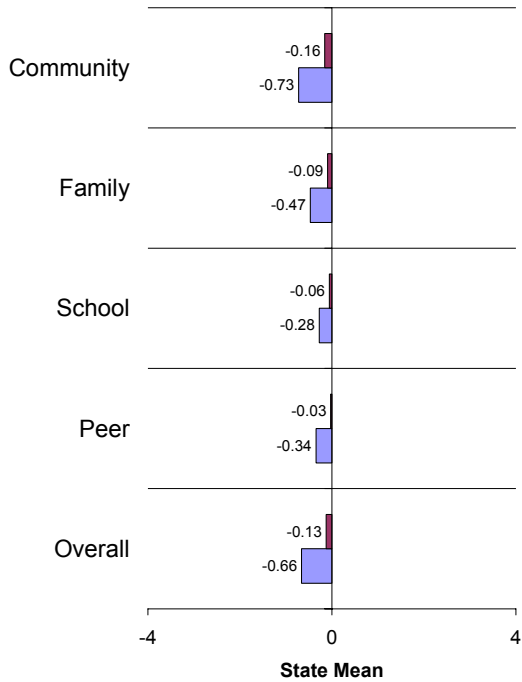
Cheatham County Pop. 35912



Non-Metro Counties ■

Cheatham County ■

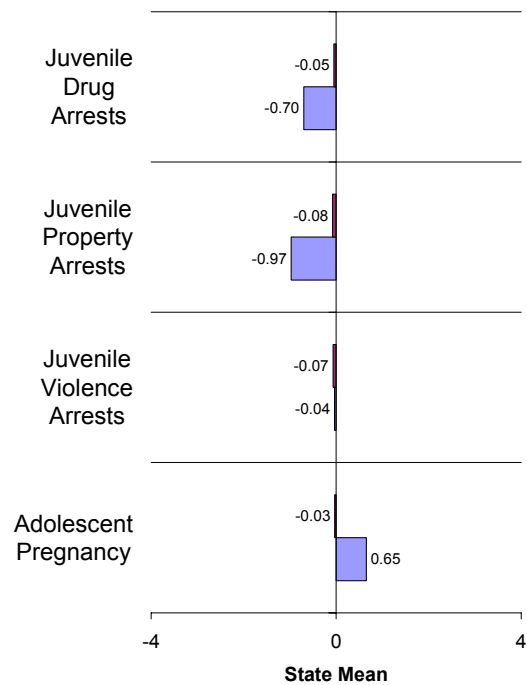
Risk Factor Scores

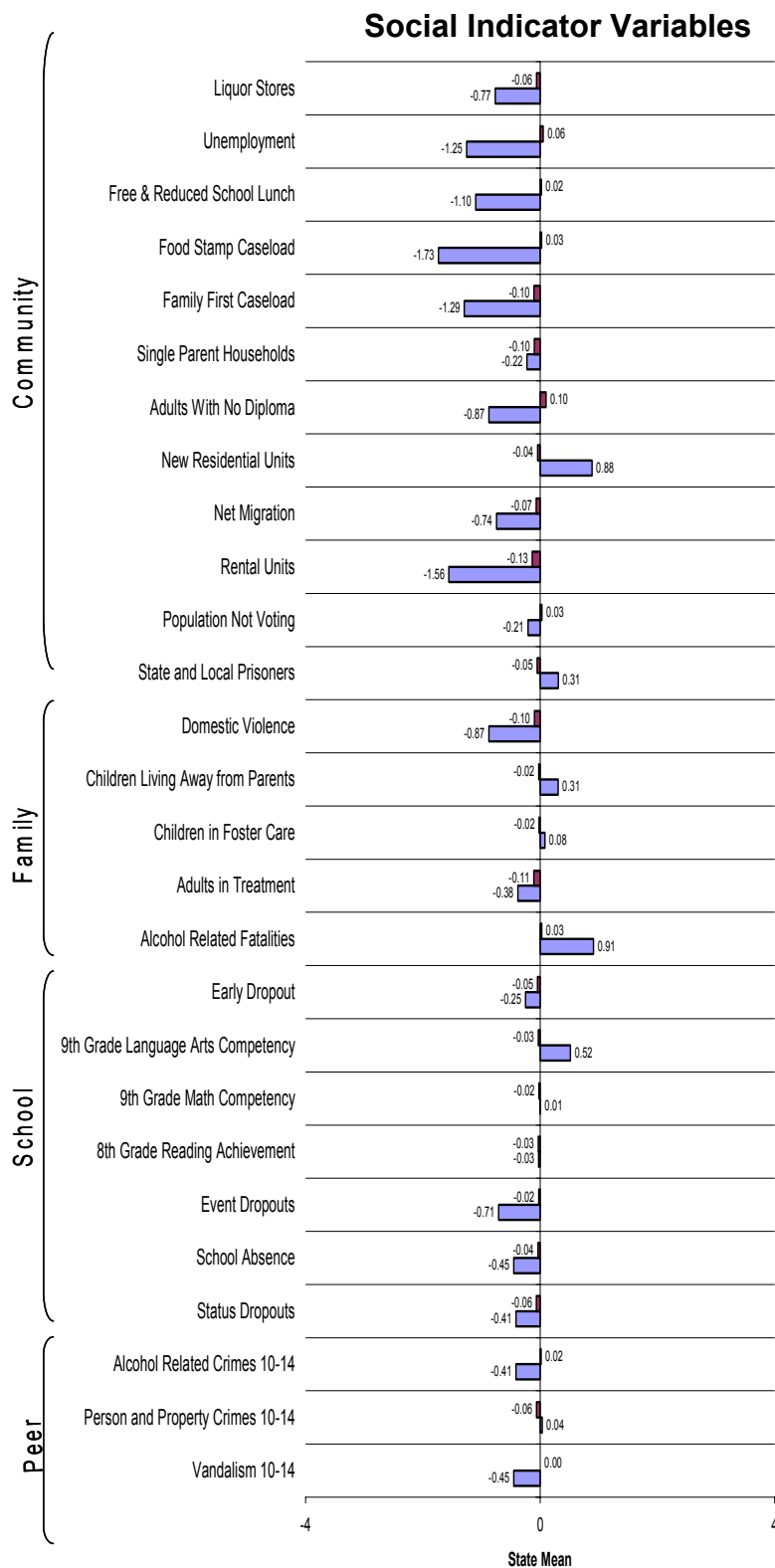


- Cheatham County was low on all risk factors.

- Cheatham County's adolescent pregnancy rate was elevated.

Problem Behaviors



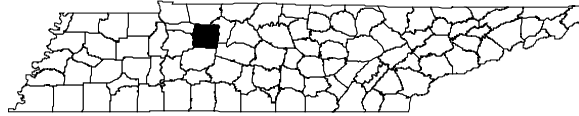


- Among Community variables, Cheatham County's new residential unit rate was high and the state and local prisoner rate was elevated.
- Among Family variables, Cheatham County's alcohol related fatality rate was high and the children living away from parents rate was elevated.
- Performance on the 9th grade language arts competency test was below average.
- Peer related crime rates, among 10-14 year olds in Cheatham County were average or below.

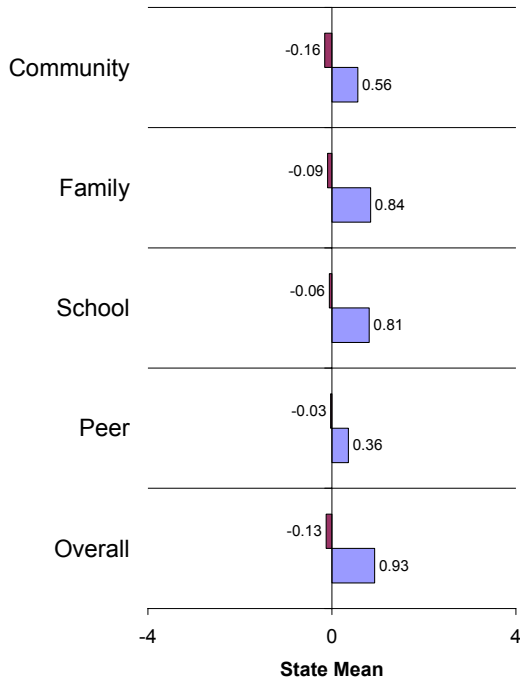
Dickson County

Pop. 43156

Non-Metro Counties ■
Dickson County ■



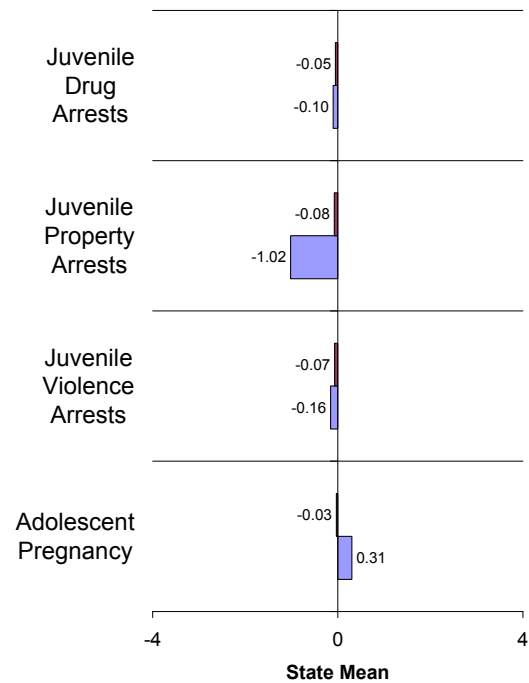
Risk Factor Scores



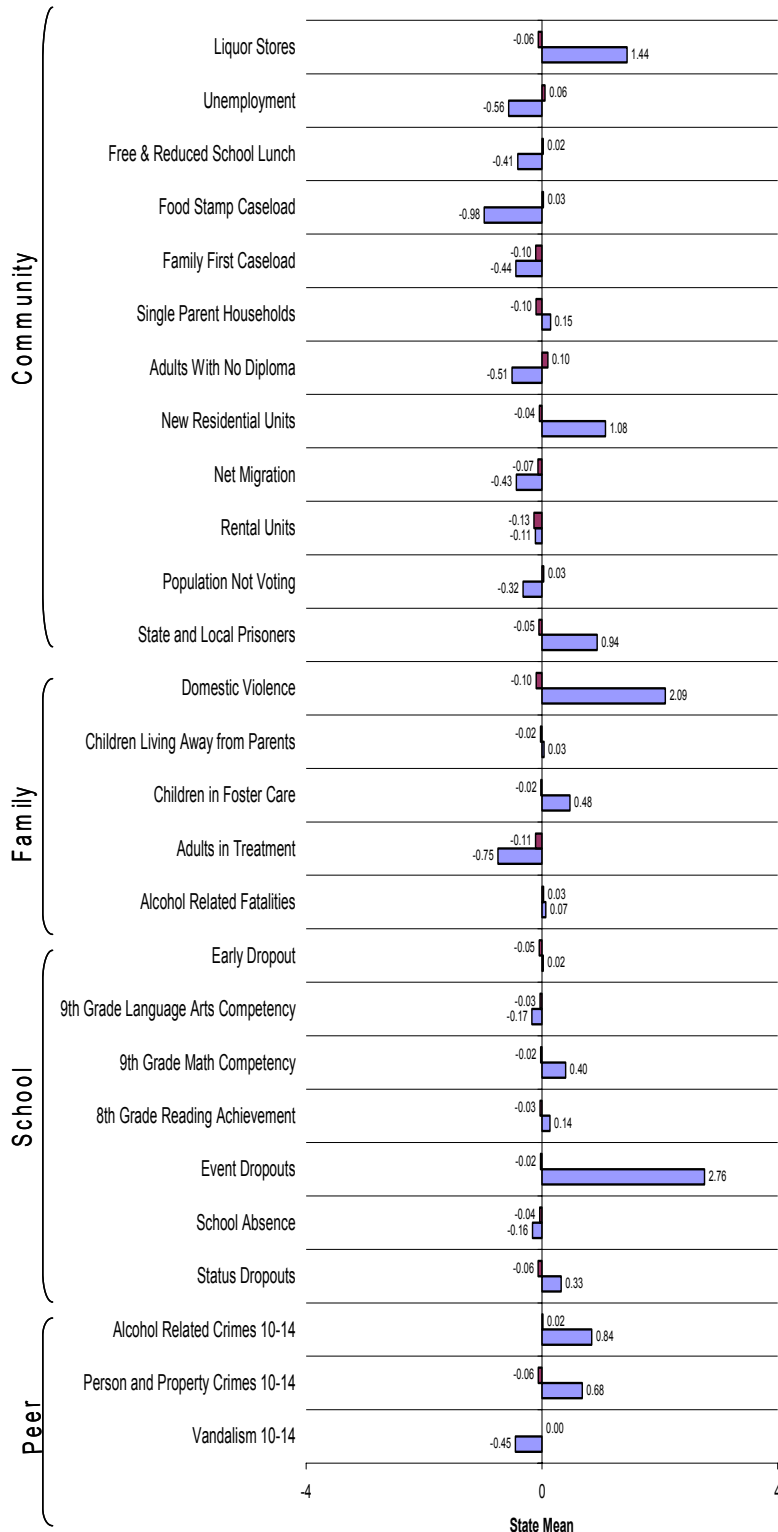
- Dickson County was high on the Family, School, and Overall risk factors and elevated on the Community and Peer risk factors.

- The adolescent pregnancy rate in Dickson County was elevated.

Problem Behaviors



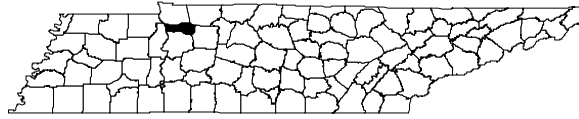
Social Indicator Variables



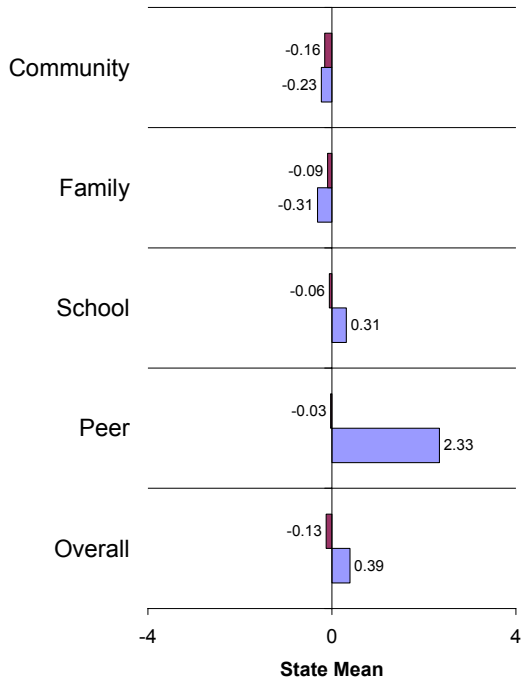
- Among Community variables, Dickson County's liquor store, new residential unit, and state and local prisoners were high. Single parent households were elevated.
- Among Family variables, Dickson County's domestic violence rate was very high and foster care was elevated.
- Dickson County's event dropout rate was very high, performance on the 9th grade math competency test was below average, and the status dropout rate was elevated.
- Alcohol related crime rate for 10-14 year olds in Dickson County was high and the person and property crime rate was elevated.

Houston County Pop. 8088

Non-Metro Counties ■
Houston County ■



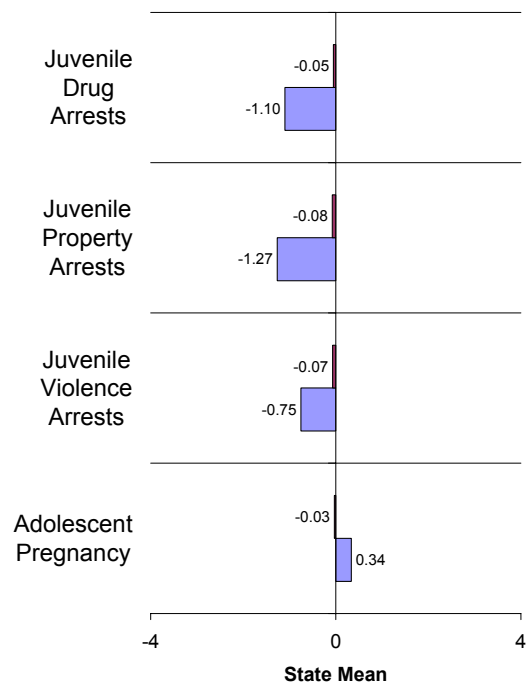
Risk Factor Scores



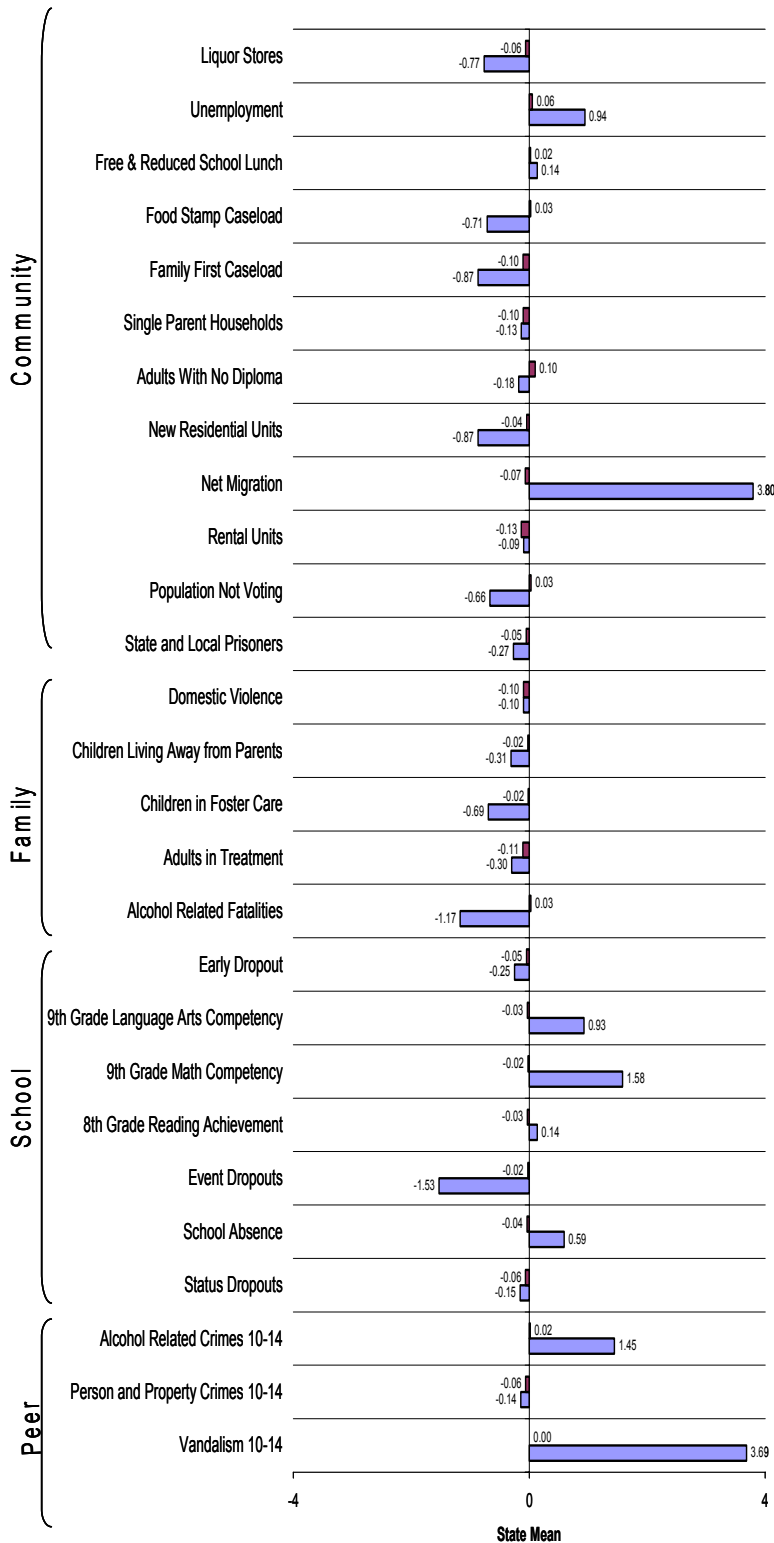
- Houston County was very high on the Peer risk factor and elevated on the School and Overall risk factors.

- Houston County's adolescent pregnancy rate was elevated. Otherwise, Houston County's problem behavior rates were low.

Problem Behaviors



Social Indicator Variables

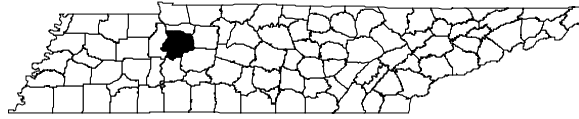


- Among Community variables, Houston County's net migration rate was extremely high and the unemployment rate was high.
- All of Houston County's Family variables were average or below.
- Houston County's performance on the 9th grade competency tests was poor and absenteeism was elevated.
- The vandalism rate for 10-14 year olds in Houston County was extremely high and the alcohol related crime rate was high.

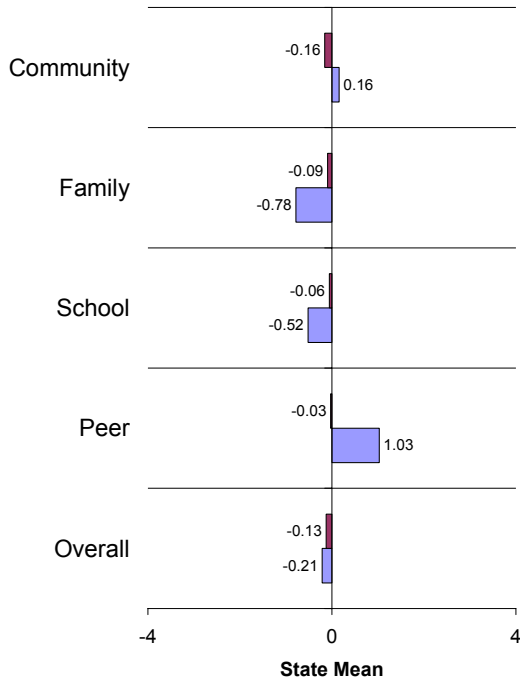
Humphreys County

Pop. 17929

Non-Metro Counties ■
Humphreys County ■



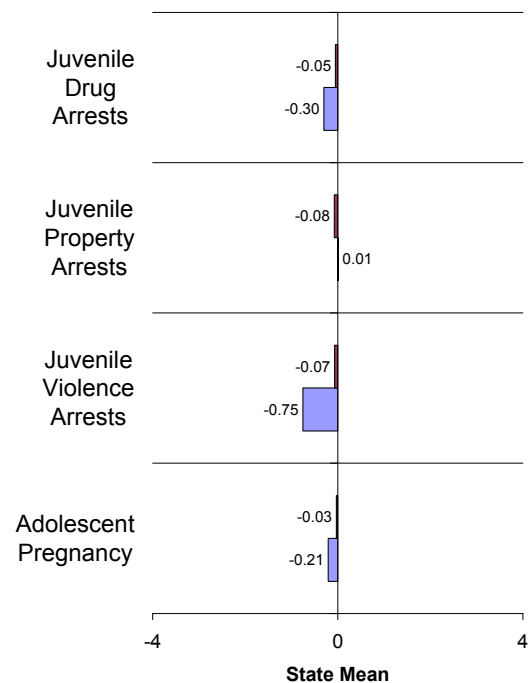
Risk Factor Scores



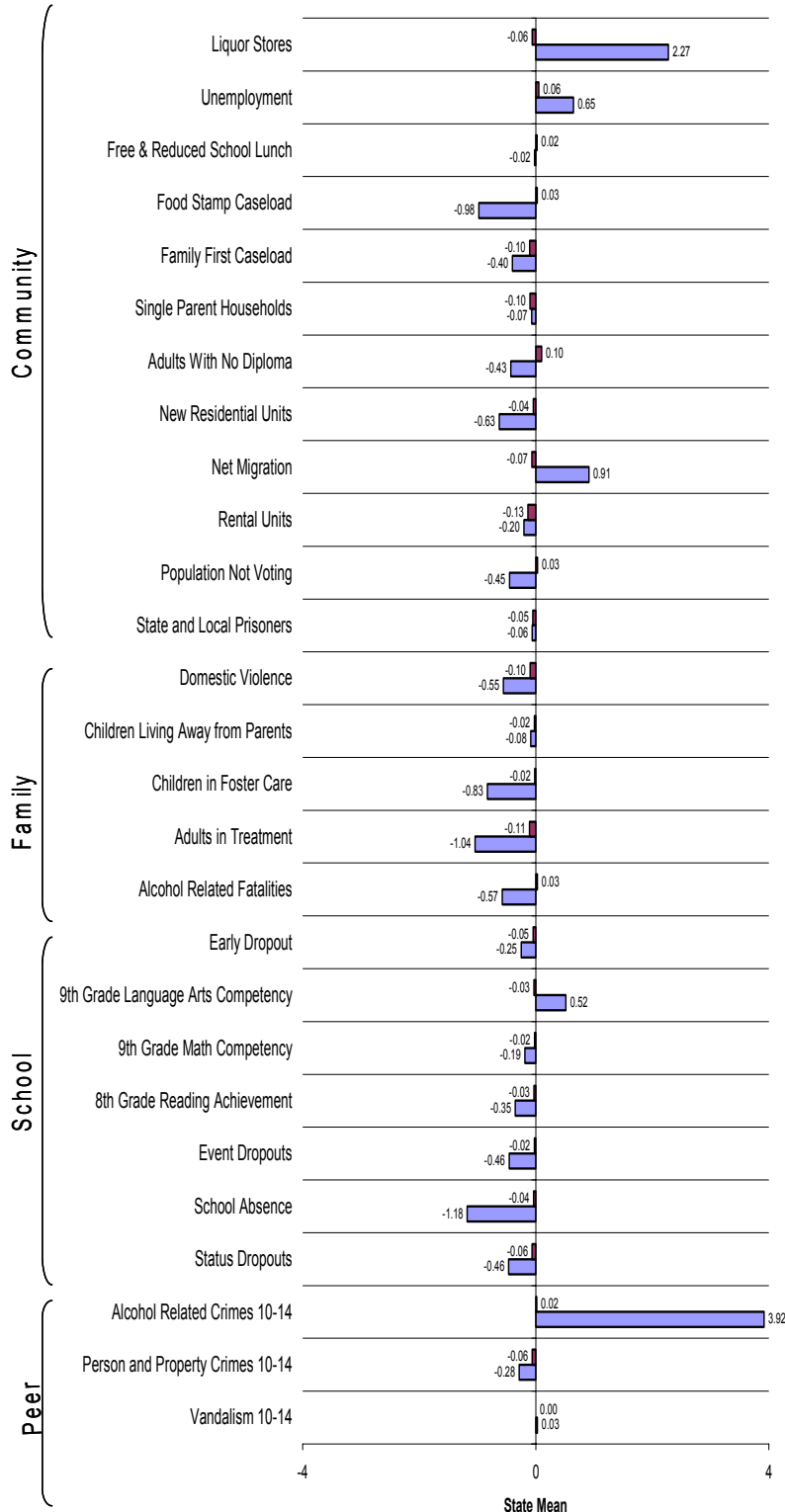
- Humphreys County's Peer risk factor score was high and the Community risk factor score was slightly elevated.

- Humphreys County's problem behavior rates were all average or below.

Problem Behaviors



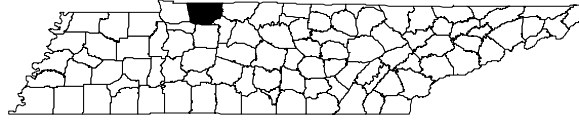
Social Indicator Variables



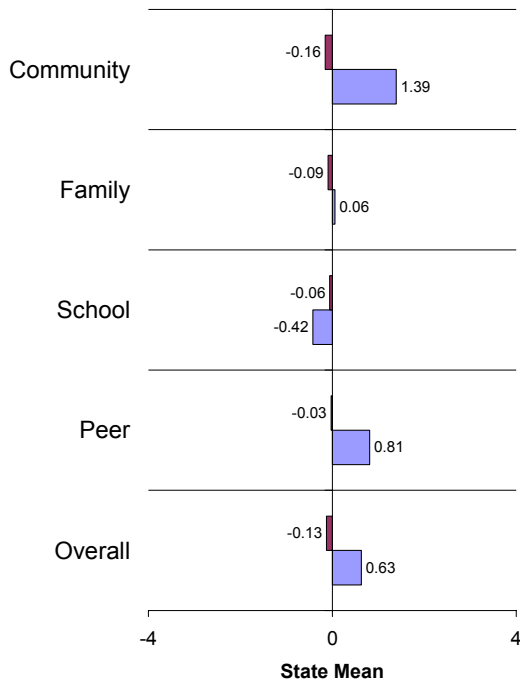
- Among Community variables, Humphreys County's liquor store rate was very high, net migration was high, and unemployment was elevated.
- All of Humphreys County's Family variables were average or below.
- Among School variables, performance on the 9th grade language arts competency test in Humphreys County was below average.
- The alcohol related crime rate among 10-14 year olds in Humphreys County was extremely high.

Montgomery County Pop. 134768

Non-Metro Counties ■
Montgomery County ■



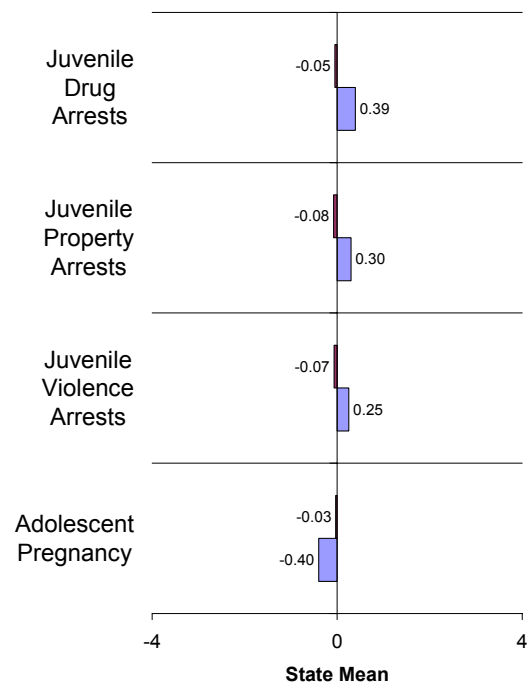
Risk Factor Scores



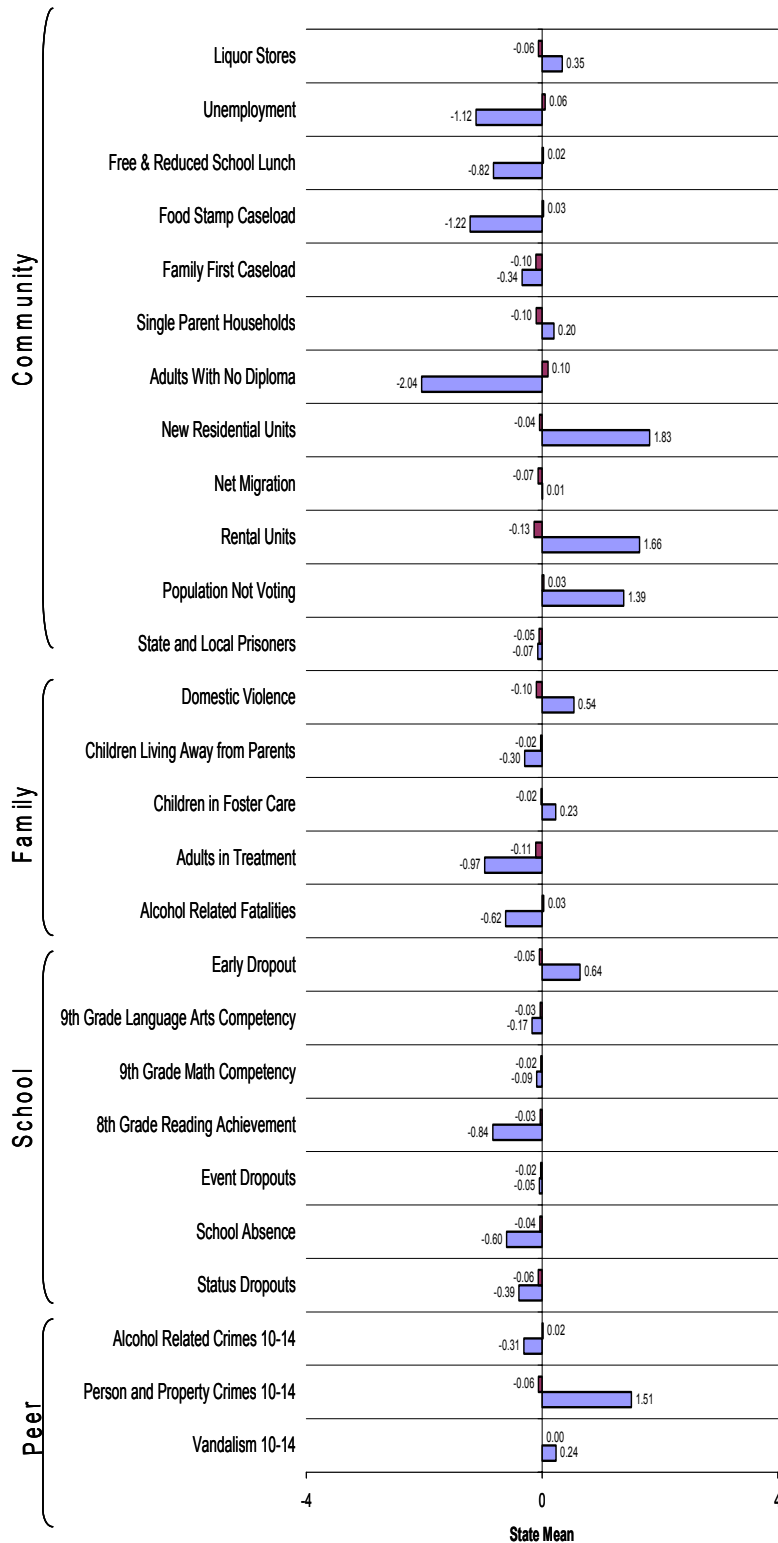
- Montgomery County was high on the Community and Peer risk factors and elevated on the Overall risk factor.

- Montgomery County's arrest rates for juvenile drug, property, and violent crimes were elevated.

Problem Behaviors



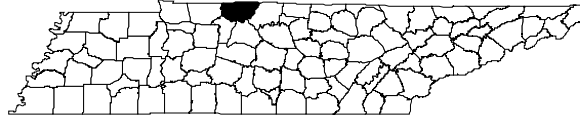
Social Indicator Variables



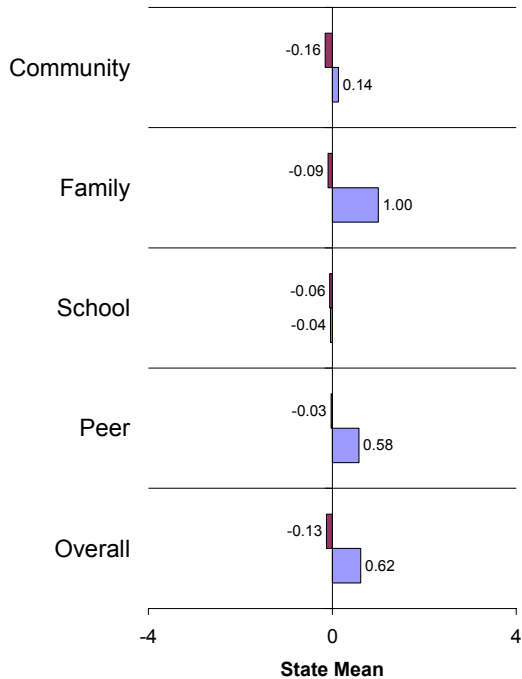
- Among Community variables, Montgomery County's new residential unit, rental unit and nonvoting population rates were high, and liquor store and single parent household rates were elevated.
- Among Family variables, Montgomery County's domestic violence and foster care rates were elevated.
- Among School variables Montgomery County's early dropout rate was elevated.
- Montgomery County's person and property crime rate for 10-14 year olds was high and the vandalism rate was elevated.

Robertson County Pop. 54433

Non-Metro Counties ■
Robertson County ■



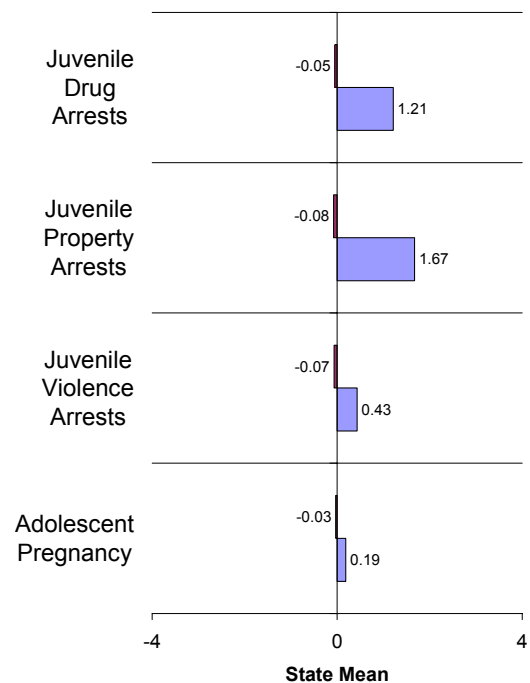
Risk Factor Scores



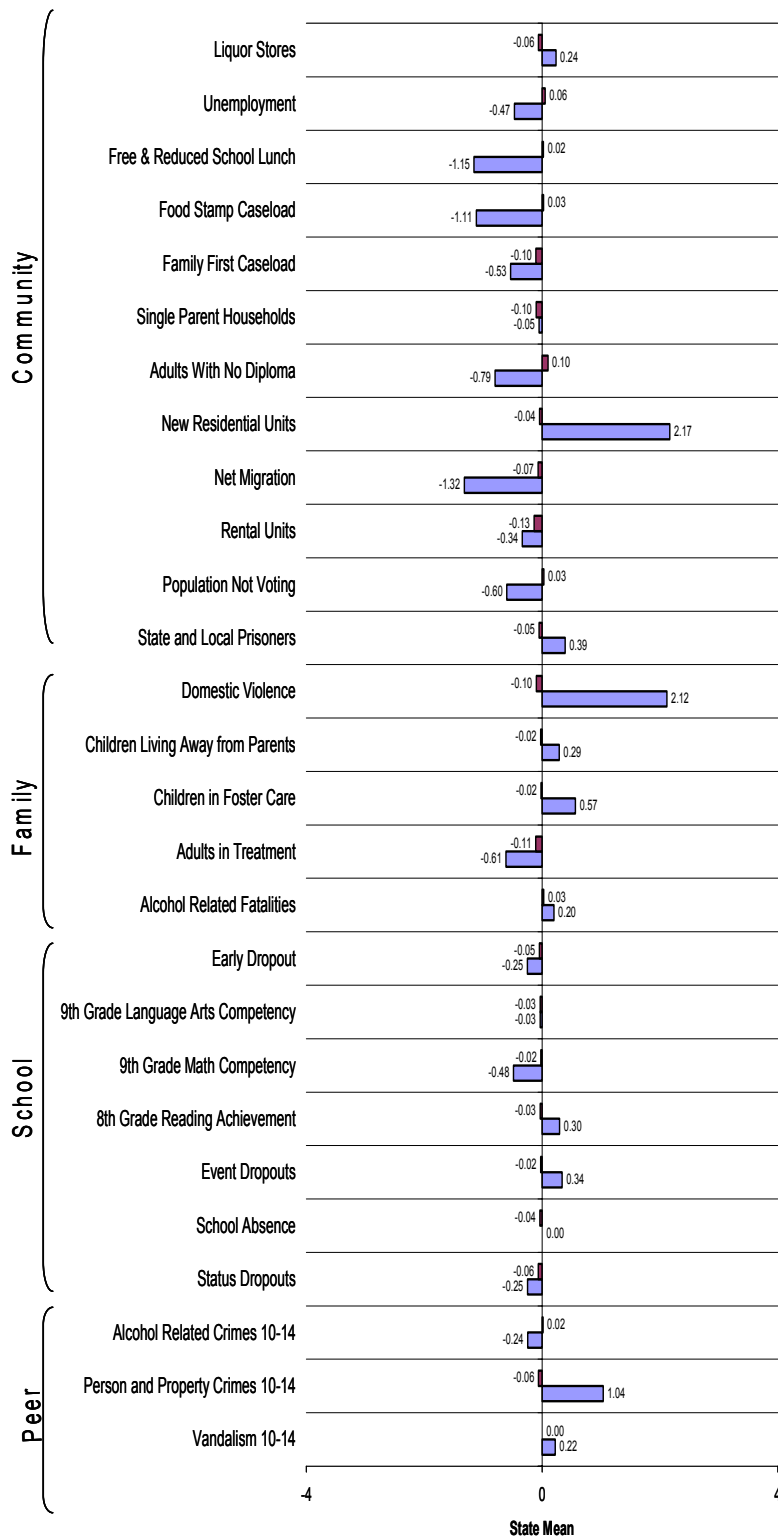
- Robertson County was high on the Family risk factor, elevated on the Peer and Overall risk factors, and slightly elevated on the Community risk factor.

- Juvenile drug and property crime arrest rates in Robertson County were high. Juvenile violence arrests were elevated and adolescent pregnancies were slightly elevated.

Problem Behaviors



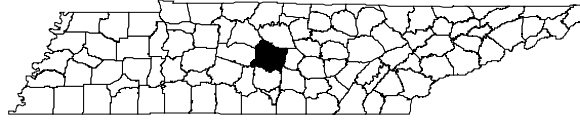
Social Indicator Variables



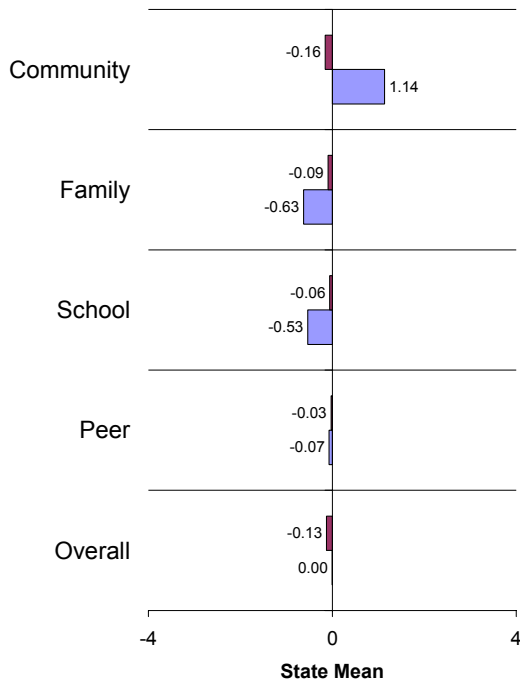
- Among Community variables, Robertson County's new residential unit rate was very high. The liquor store, and state and local prisoner rates were elevated.
- Among Family variables in Robertson County, domestic violence was very high. Children away from parents, and foster care were elevated.
- Among School variables, Robertson County's event dropout was elevated and 8th grade reading achievement was below average.
- The person and property crime rate for 10-14 year olds in Robertson County was high and the vandalism rate was elevated.

Rutherford County Pop. 182023

Non-Metro Counties ■
Rutherford County ■



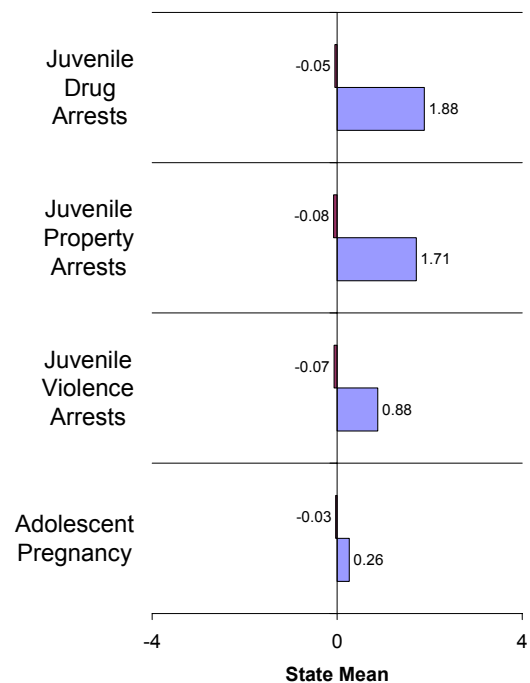
Risk Factor Scores



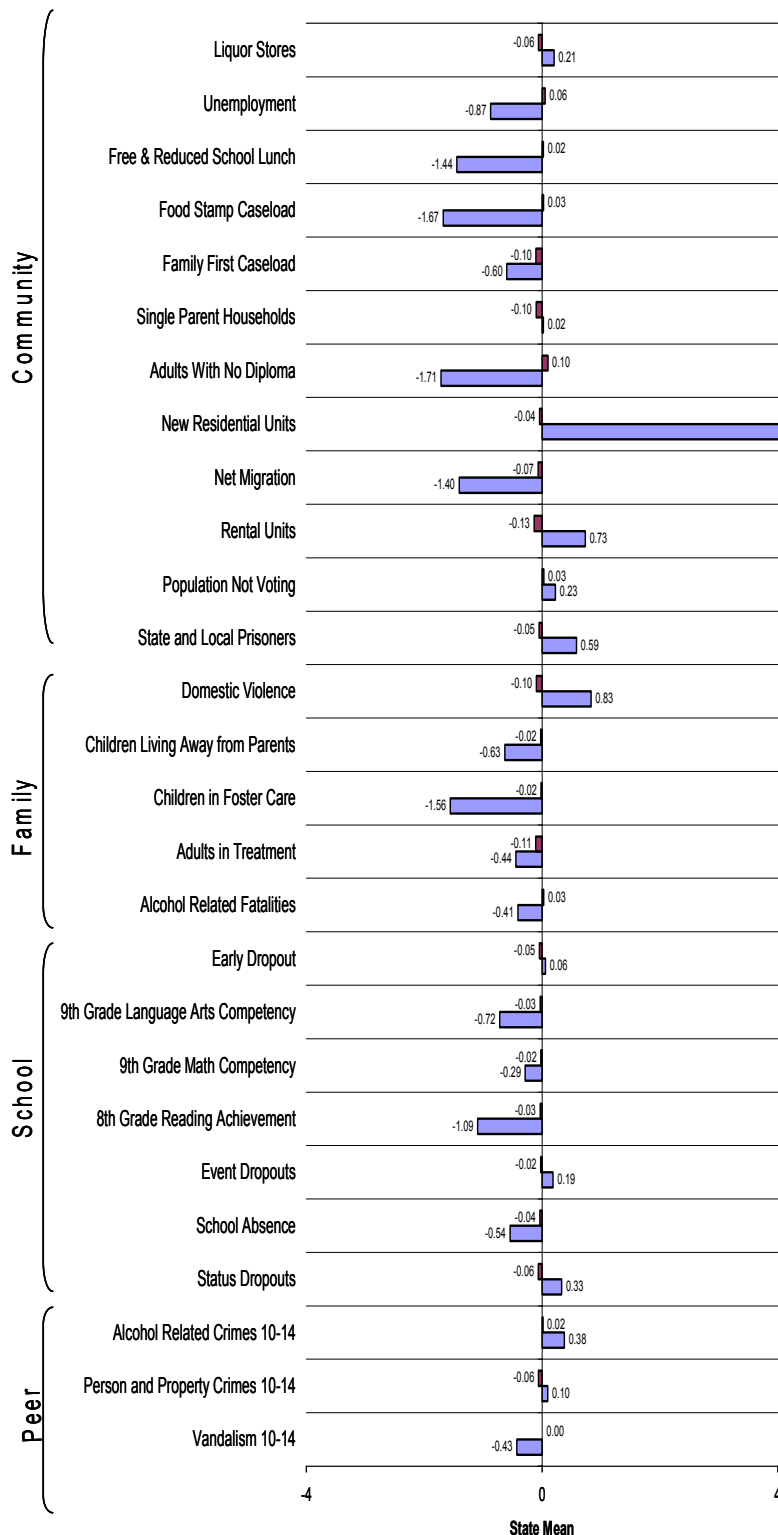
- Rutherford County's Community risk score was high. Otherwise, Rutherford County's risk factor scores were average or below.

- Rutherford County juvenile arrest rates for drug, property, and violent crimes were high and adolescent pregnancies were elevated.

Problem Behaviors



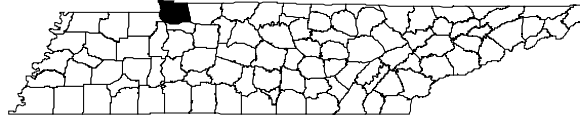
Social Indicator Variables



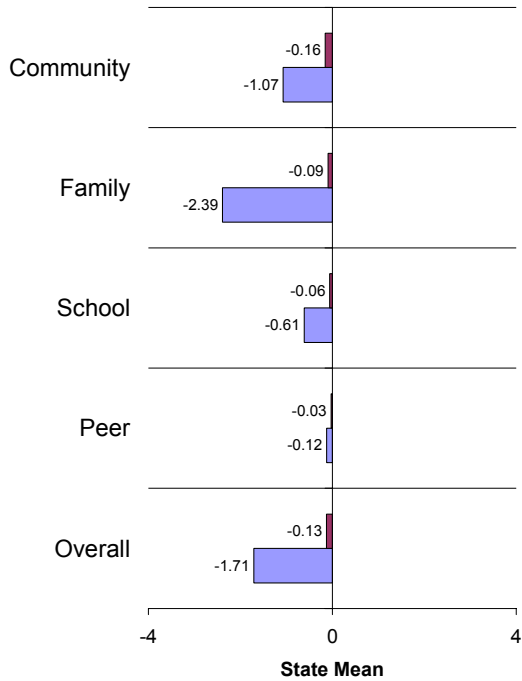
- Among Community variables in Rutherford County, the new residential unit rate was extremely high, and the liquor store, rental unit, nonvoting population, and state and local prisoner rates were elevated.
- Among Family variables, Rutherford County's domestic violence rate was high.
- Among School variables, Rutherford County's event and status dropout rates were elevated.
- The alcohol-related crime rate among 10-14 year olds in Rutherford County was elevated.

Stewart County Pop. 12370

Non-Metro Counties ■
Stewart County ■



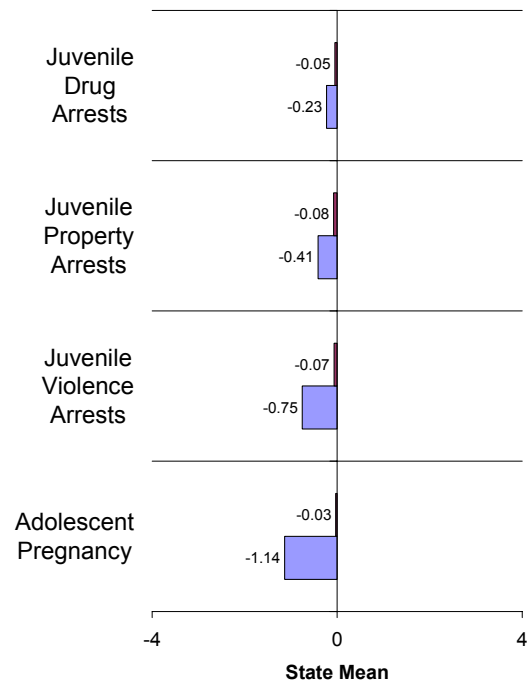
Risk Factor Scores



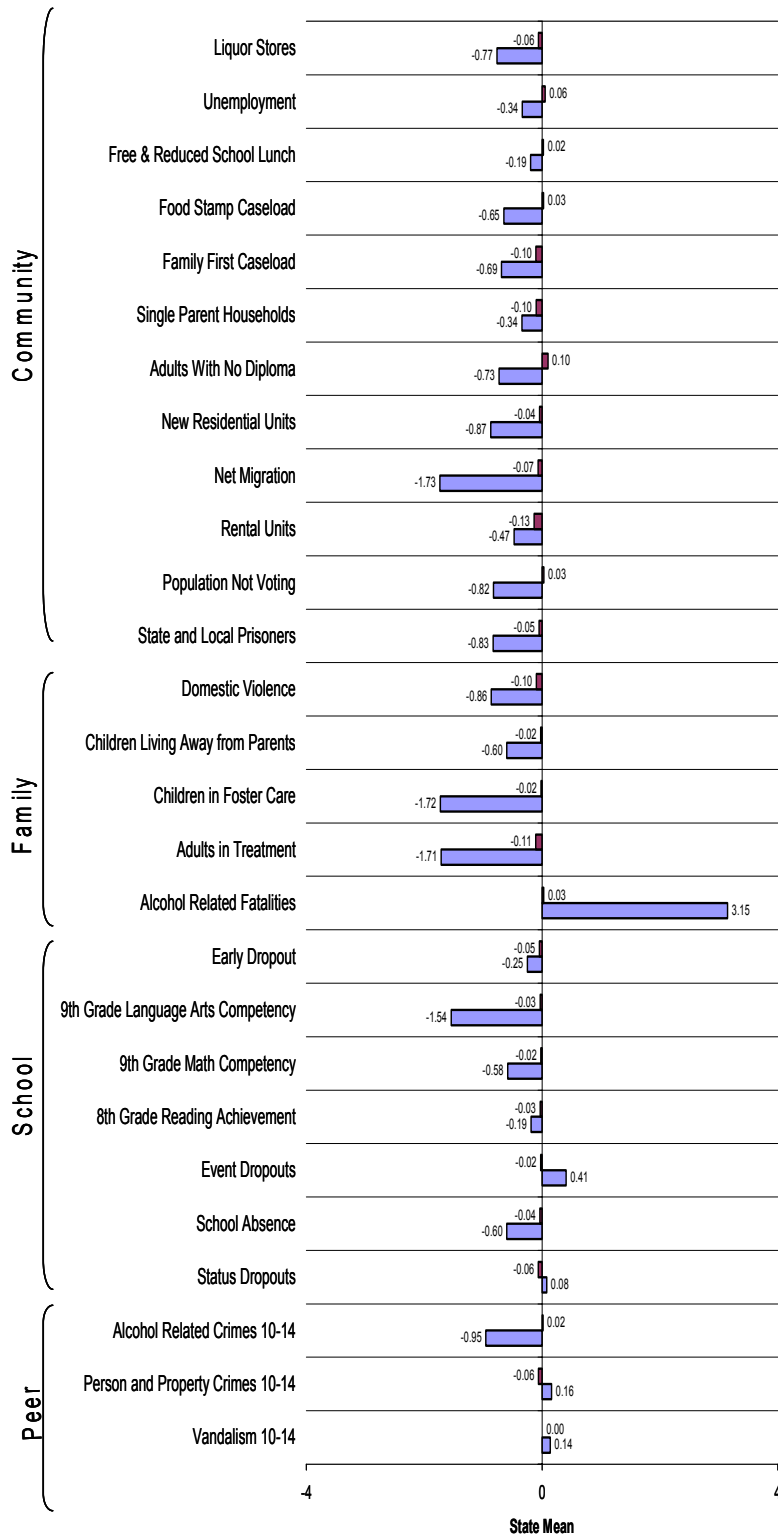
- Stewart County's risk factor scores were average or below.

- Stewart County's problem behavior rates were low.

Problem Behaviors



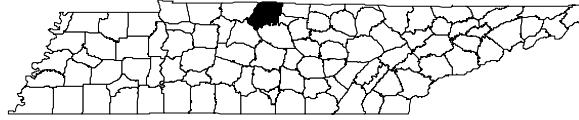
Social Indicator Variables



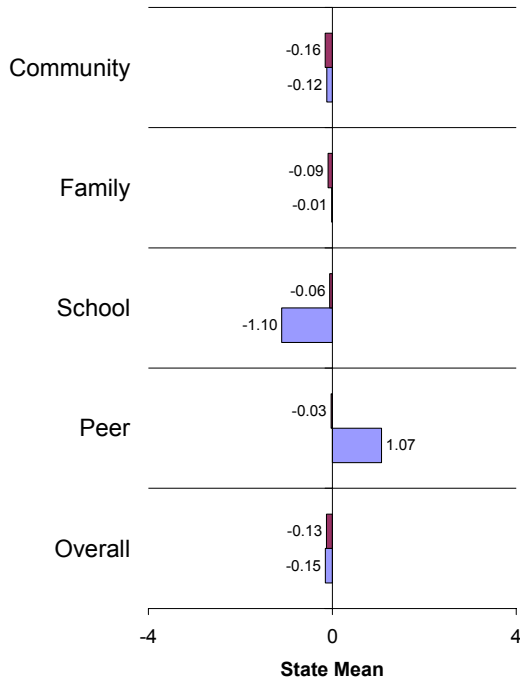
- Stewart County was low on all Community variables.
- Among Family variables, Stewart County's alcohol related fatality rate was extremely high. All other Family variables were low.
- Among School variables, Stewart County's event dropout rate was elevated. All other School variables were average or below.
- The person and property crime rate for 10-14 year olds in Stewart County was elevated.

Sumner County Pop. 130449

Non-Metro Counties ■
Sumner County ■



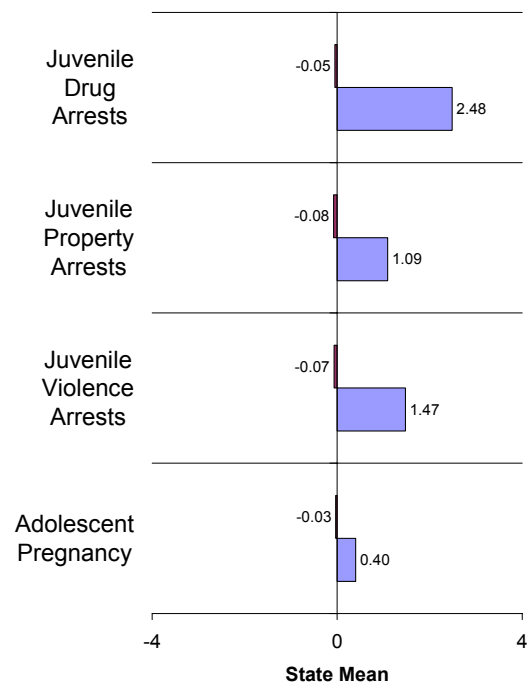
Risk Factor Scores



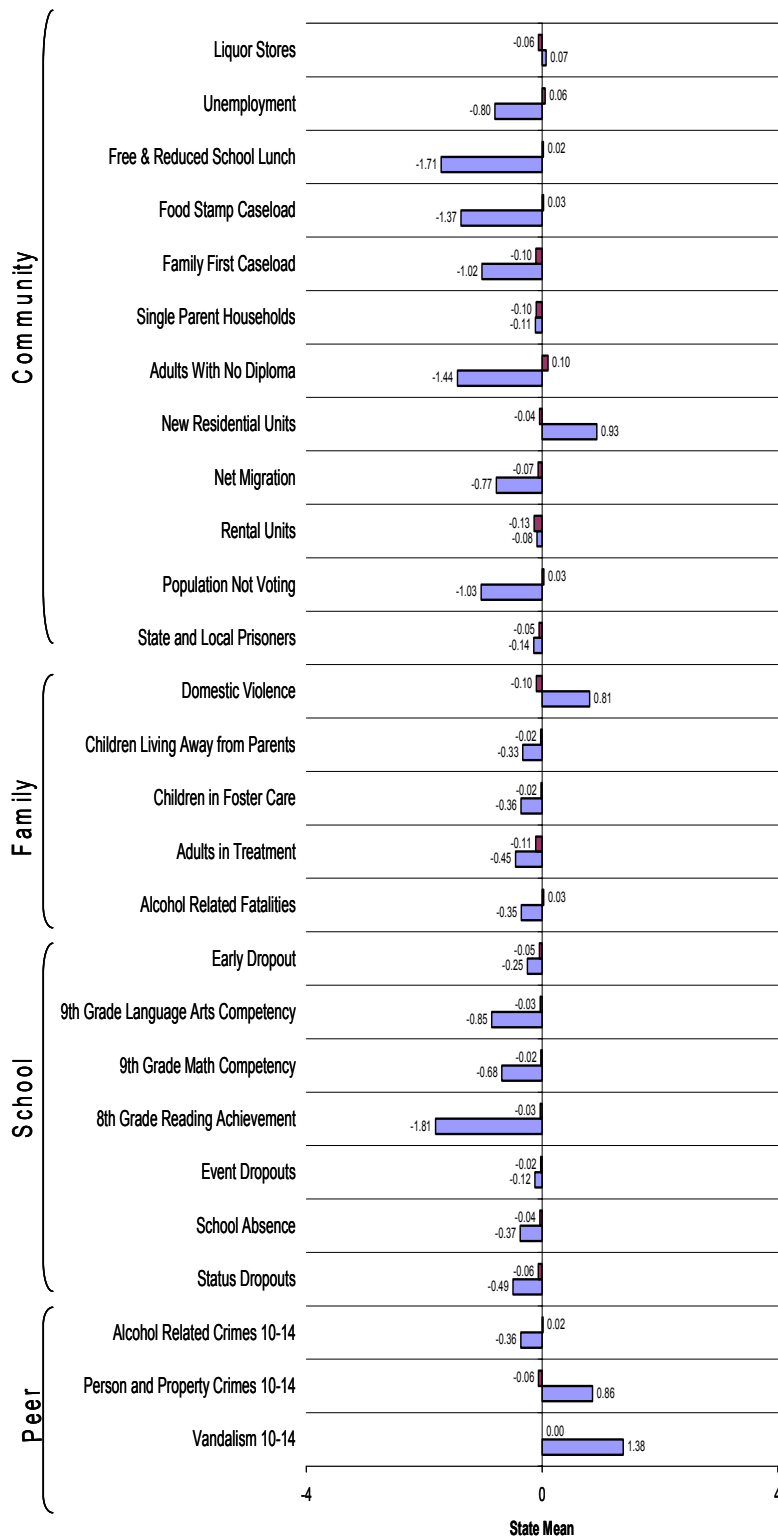
- Sumner County's Peer risk factor score was high. Otherwise, Sumner County's risk factor scores were average or below.

- Sumner County's juvenile arrest rate for drug related crimes was very high. Juvenile arrest rates for property and violent crimes were high and adolescent pregnancies were elevated.

Problem Behaviors



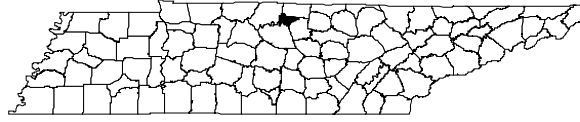
Social Indicator Variables



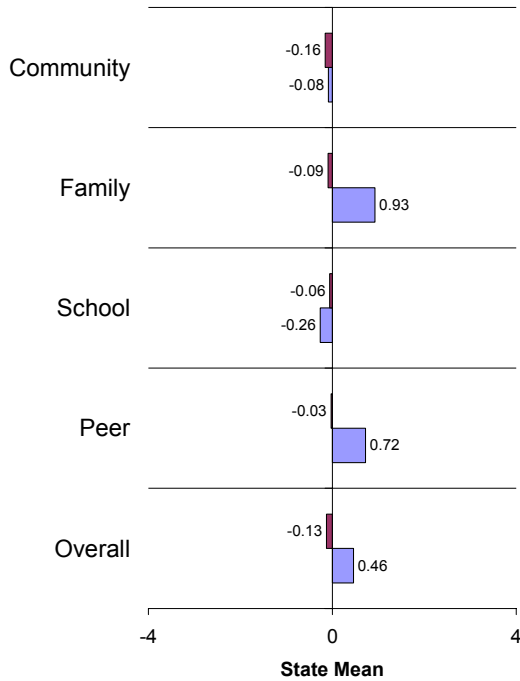
- Among Community variables, Sumner County's new residential unit rate was high.
- Among Family variables, Sumner County's domestic violence rate was high.
- All of Sumner County's School variable rates were average or below.
- The person and property and vandalism crime rates among 10-14 year olds in Sumner County were high.

Trousdale County Pop. 7259

Non-Metro Counties ■
Trousdale County ■



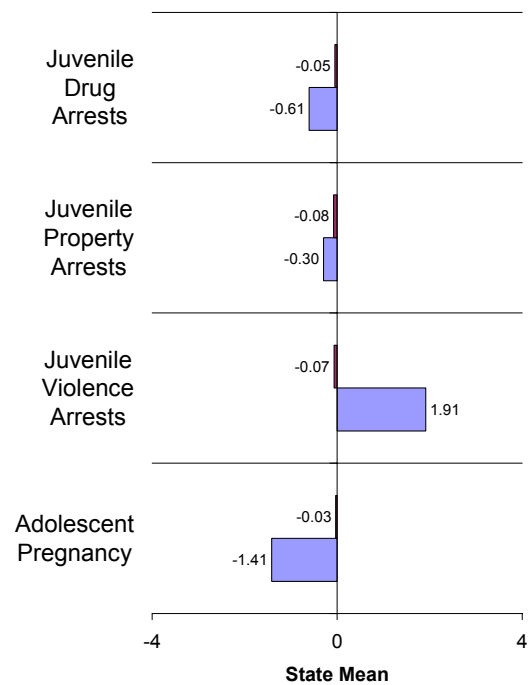
Risk Factor Scores



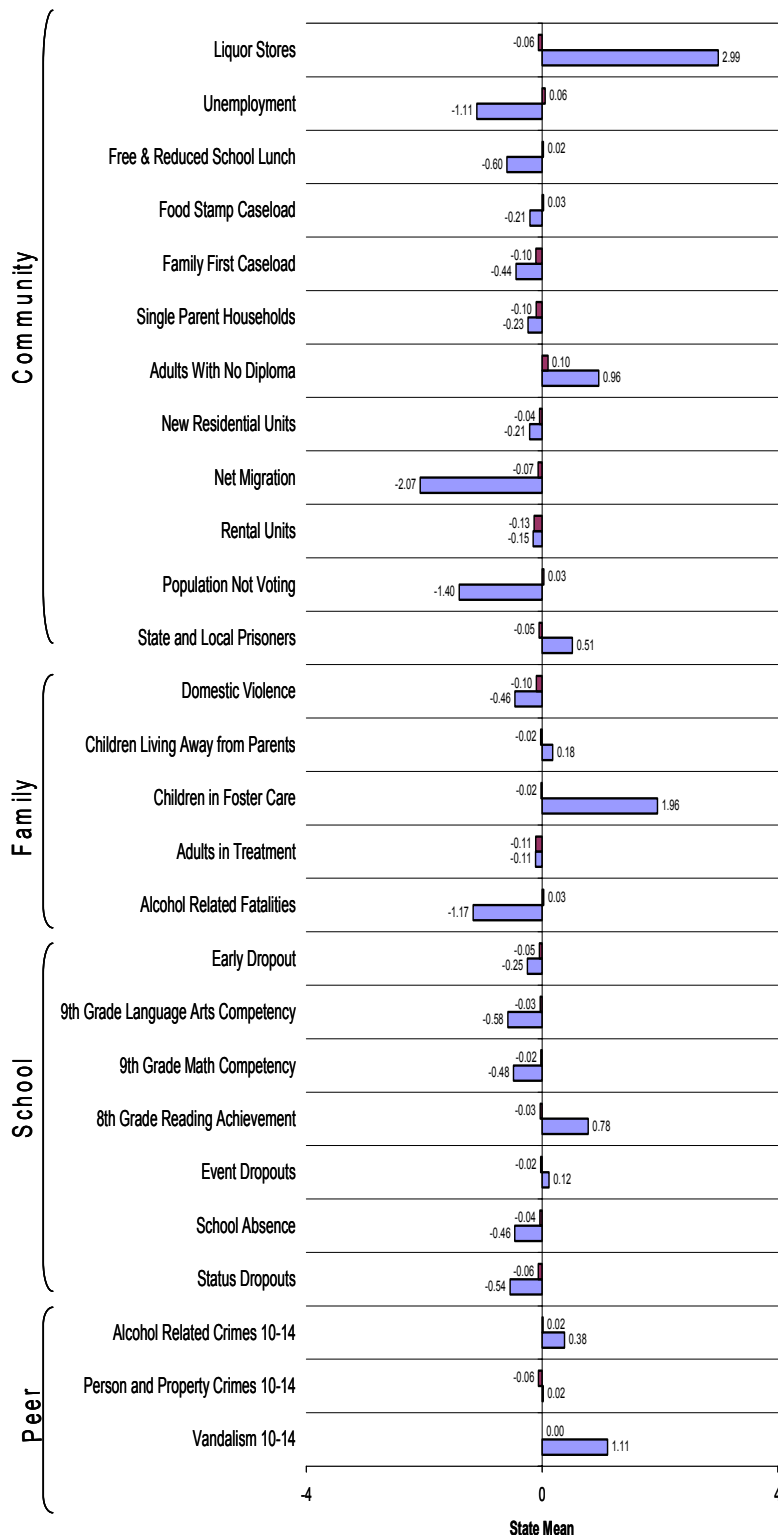
- Trousdale County's Family risk factor score was high and the Peer and Overall risk factor scores were elevated.

- Trousdale County's juvenile arrest rate for violent crimes was high. Otherwise, Trousdale County's problem behavior rates were low.

Problem Behaviors



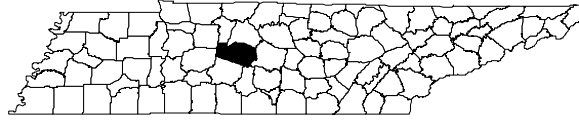
Social Indicator Variables



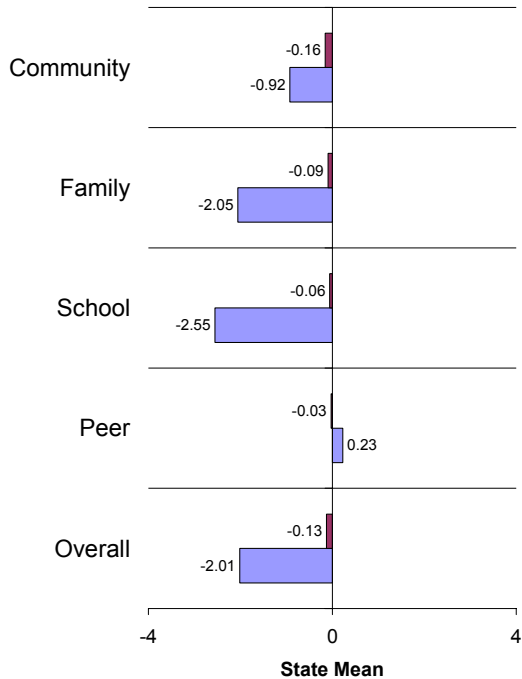
- Among Community variables, Trousdale County's liquor store rate was very high, the adults without diplomas rate was high, and state and local prisoners were elevated.
- Among Family variables, Trousdale County's foster care rate was high and children away from parents was slightly elevated.
- Among School variables, Trousdale County's performance in the 8th grade reading achievement test was poor.
- The vandalism crime rate for 10-14 year olds in Trousdale County was high and the 10-14 alcohol related crime rate was elevated.

Williamson County Pop. 126638

Non-Metro Counties ■
Williamson County ■



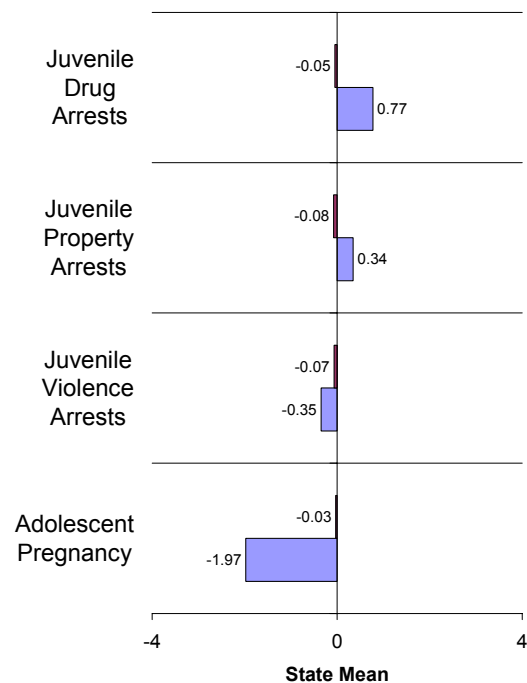
Risk Factor Scores



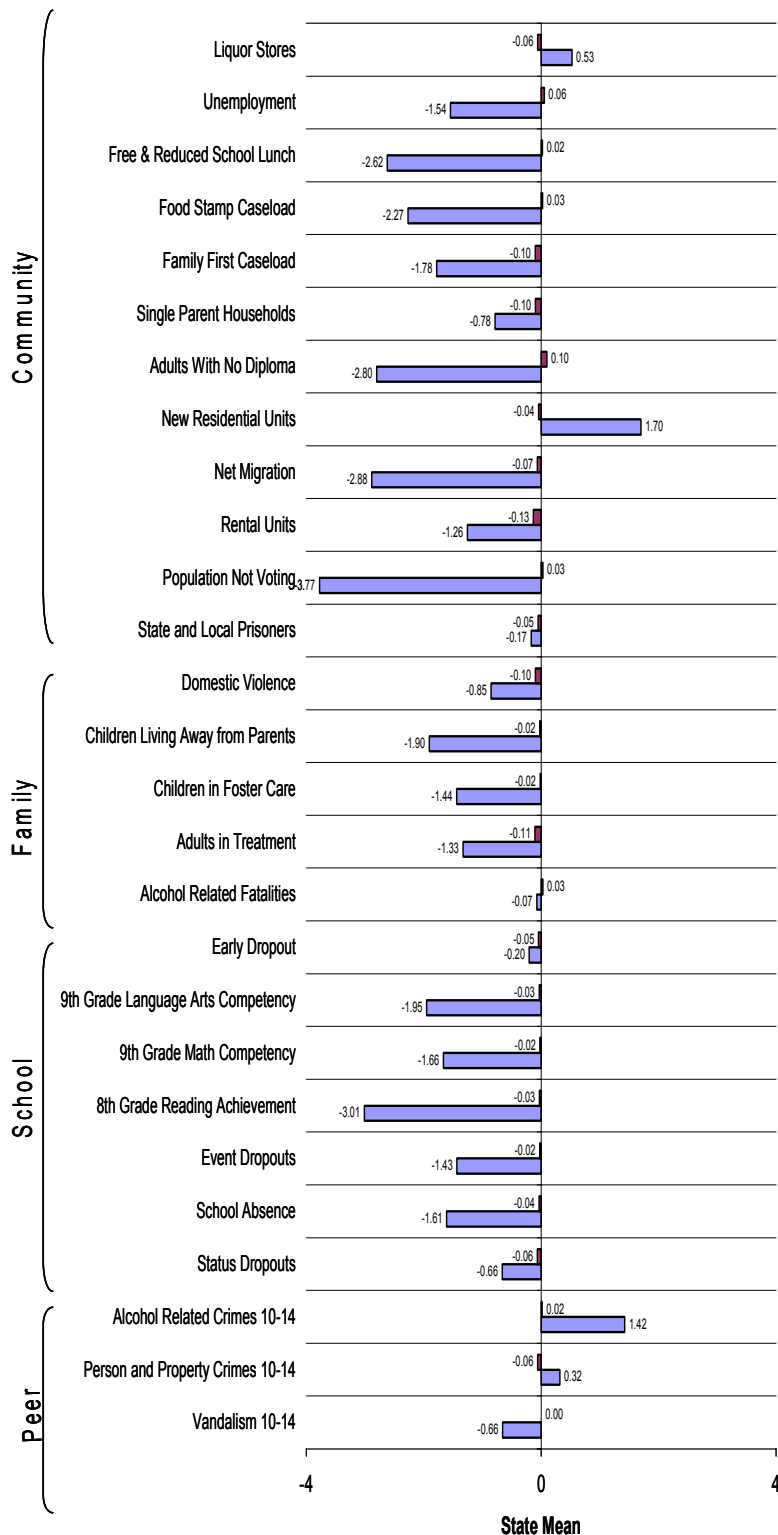
- Williamson County's Peer risk factor score was elevated. Otherwise, Williamson County's risk factor scores were low or very low.

- Juvenile arrest rates for drug and property crimes in Williamson County were elevated. Otherwise, Williamson County's problem behavior rates were low.

Problem Behaviors



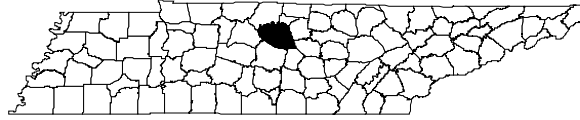
Social Indicator Variables



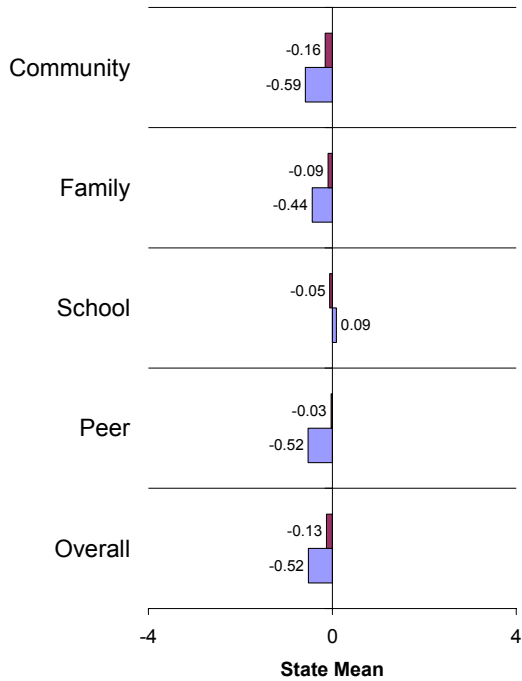
- Among Community variables, Williamson County's liquor store and new residential unit rates were elevated.
- All of Williamson County's Family variables were average or below.
- All of Williamson County's School variables were average or below.
- The rate of alcohol related crimes among 10-14 year olds in Williamson County was high and the person and property crime rates for 10-14 year was elevated.

Wilson County Pop. 88809

Non-Metro Counties ■
Wilson County ■



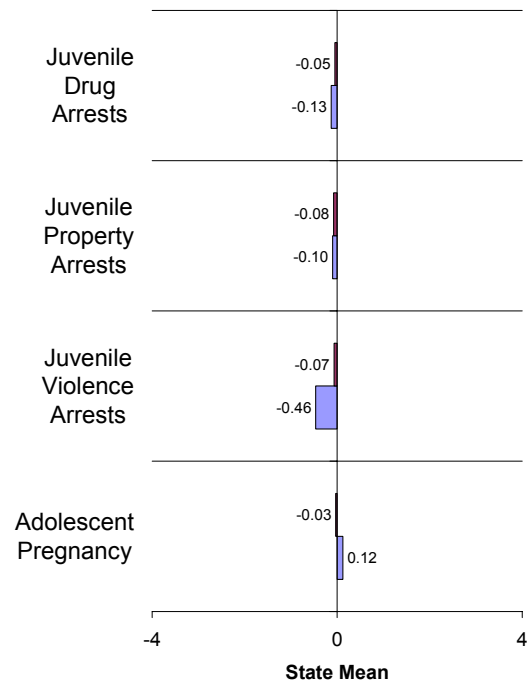
Risk Factor Scores



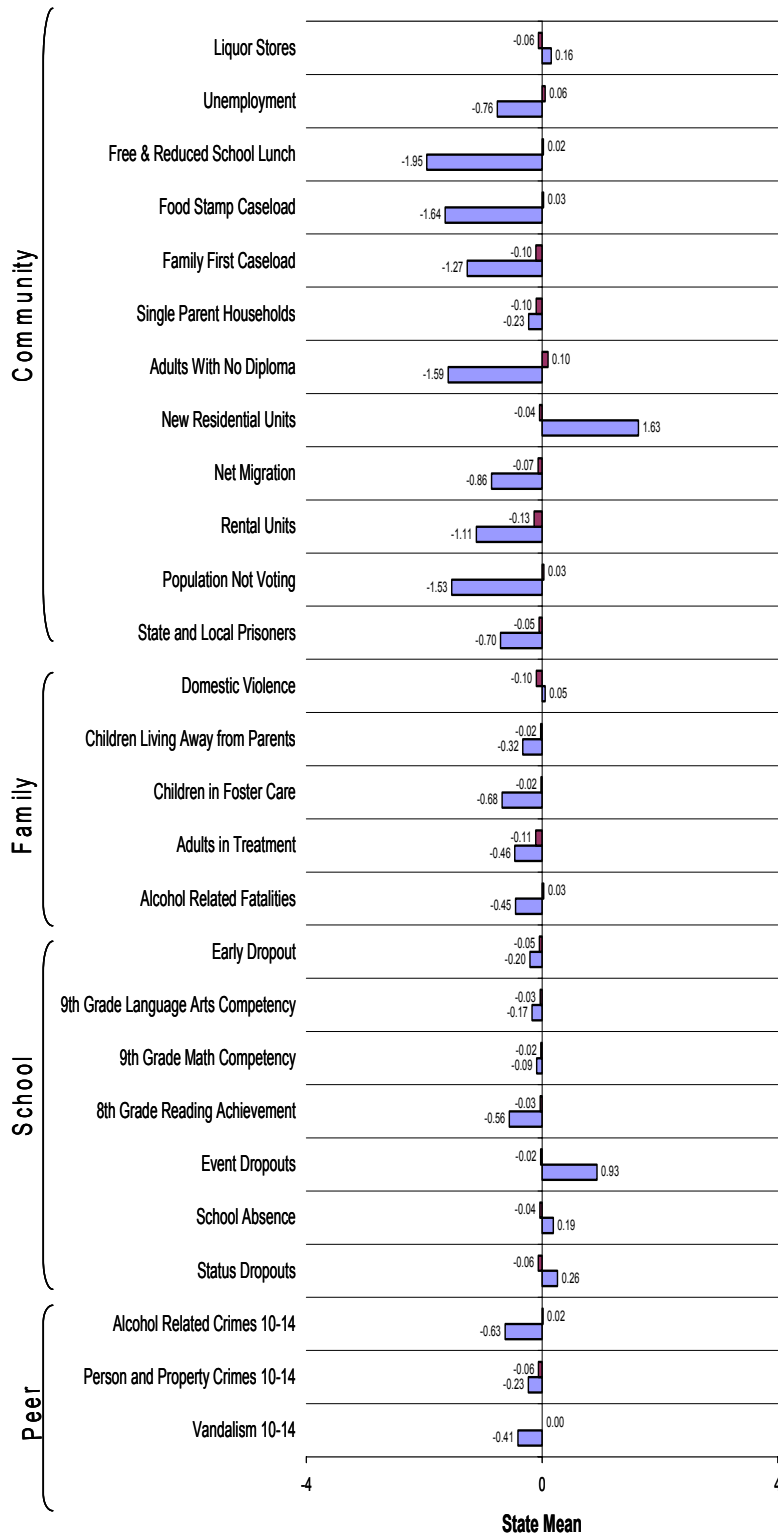
- All of Wilson County's risk factor scores were average or below.

- All of Wilson County's problem behavior rates were average or below.

Problem Behaviors



Social Indicator Variables

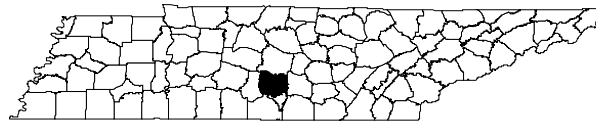


- Among Community variables, Wilson County's new residential unit rate was high and the liquor stores rate was elevated.
- All of Wilson County's Family variables were average or below.
- Among School variables, Wilson County's event dropout rate was high. Status dropouts and absenteeism were elevated.
- Peer related crime rates among 10-14 year olds in Wilson County were low.

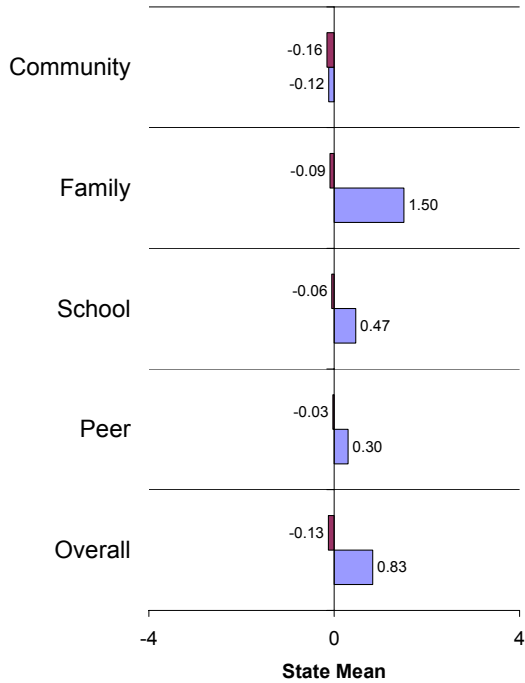
South Central Region

Bedford County Pop. 37586

Non-Metro Counties ■
Bedford County ■



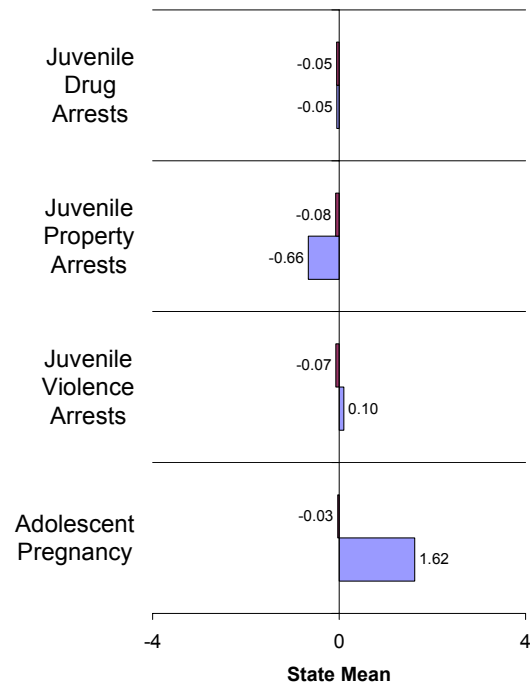
Risk Factor Scores



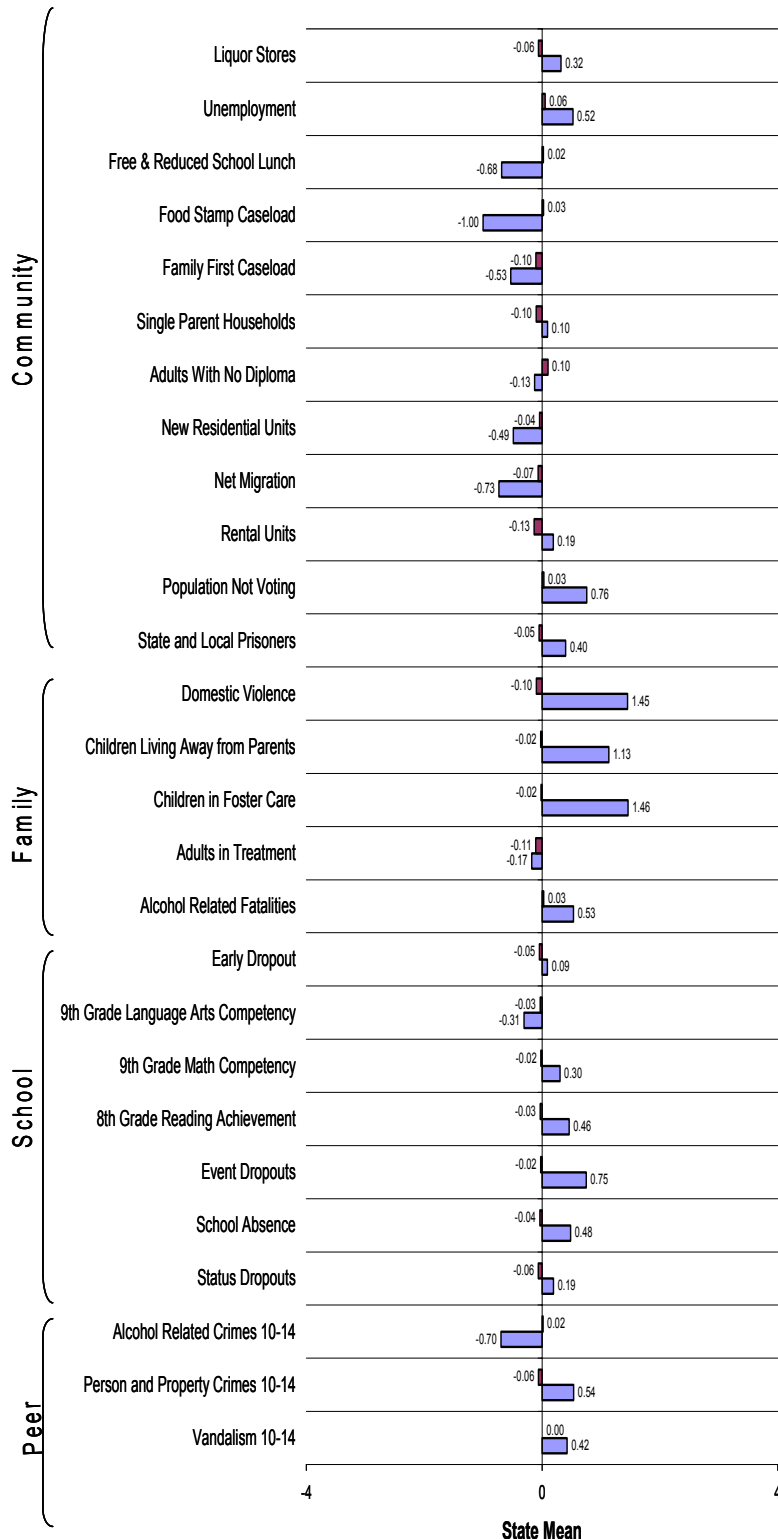
- Bedford County's Family and Overall risk factor scores were high. The School and Peer risk factor scores were elevated.

- Bedford County's adolescent pregnancy rate was high. The juvenile arrest rates were average or below.

Problem Behaviors



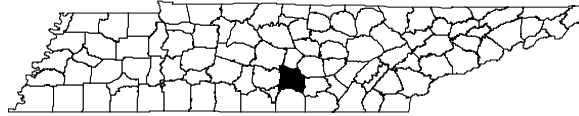
Social Indicator Variables



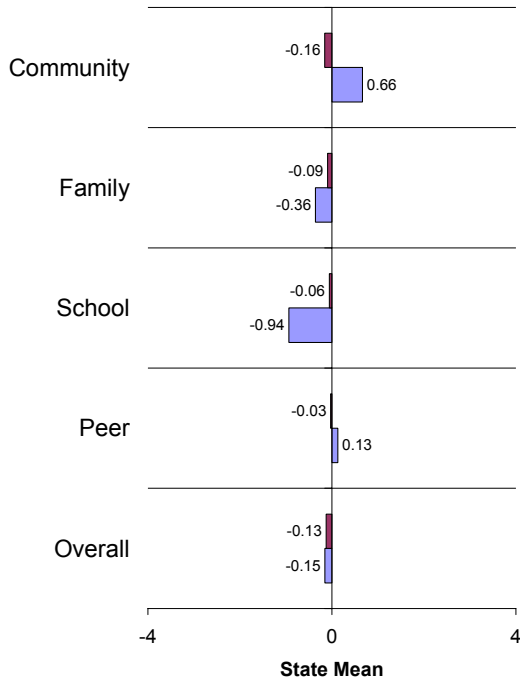
- Among Community variables, Bedford County's liquor store, unemployment, single parent household, rental unit, nonvoting population, and state and local prisoner rates were elevated.
- Among Family variables, Bedford County's domestic violence, children living away from parents, foster care, and alcohol related fatality rates were elevated.
- Performance on the 9th grade math competency and 8th grade reading achievement tests was below average. Event and status dropout and absenteeism rates were elevated.
- Person and property crime and vandalism rates among 10-14 year olds in Bedford County were elevated.

Coffee County Pop. 48014

Non-Metro Counties ■
Coffee County ■



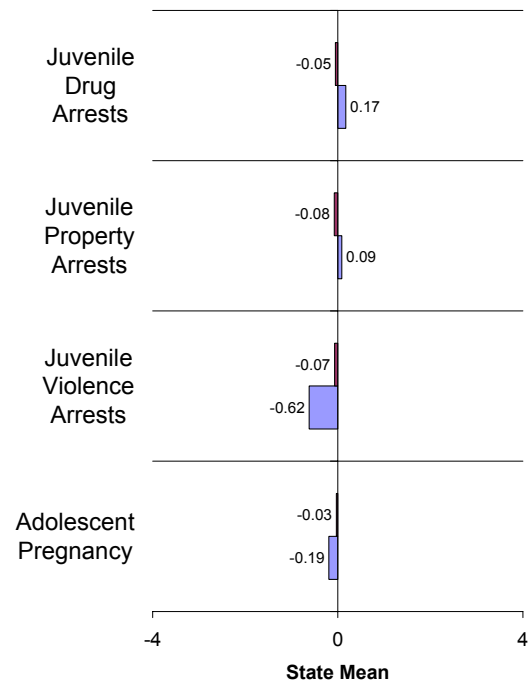
Risk Factor Scores



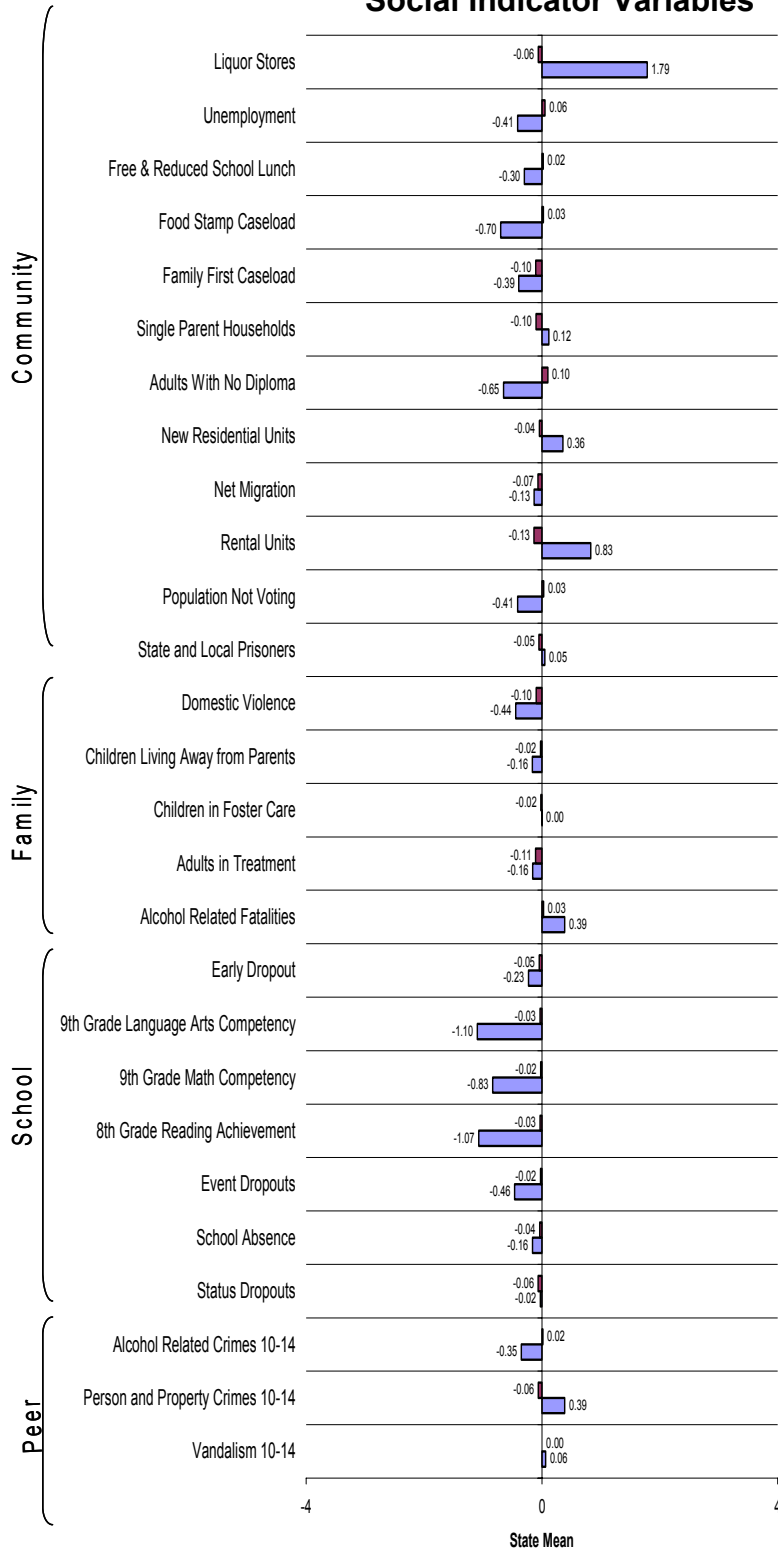
- Coffee County's Community risk factor score was elevated.

- The juvenile drug arrest rate in Coffee County was slightly elevated.

Problem Behaviors



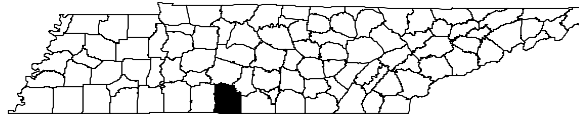
Social Indicator Variables



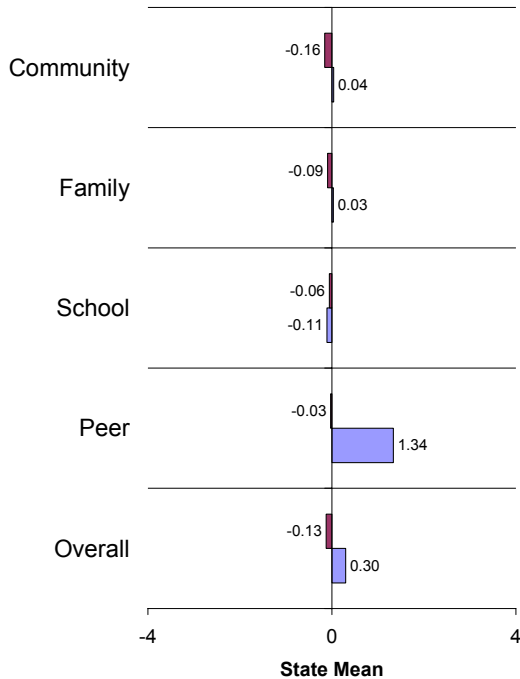
- Among Community variables, Coffee County's liquor store and rental unit rates were high. The new residential unit rate was elevated and the single parent household rate was slightly elevated.
- Among Family variables in Coffee County, the alcohol related fatality rate was elevated.
- Coffee County's School variables indicated above average academic performance and low dropout and absenteeism rates.
- The person and property crime rate among 10-14 year olds in Coffee County was elevated.

Giles County Pop. 29447

Non-Metro Counties ■
Giles County ■



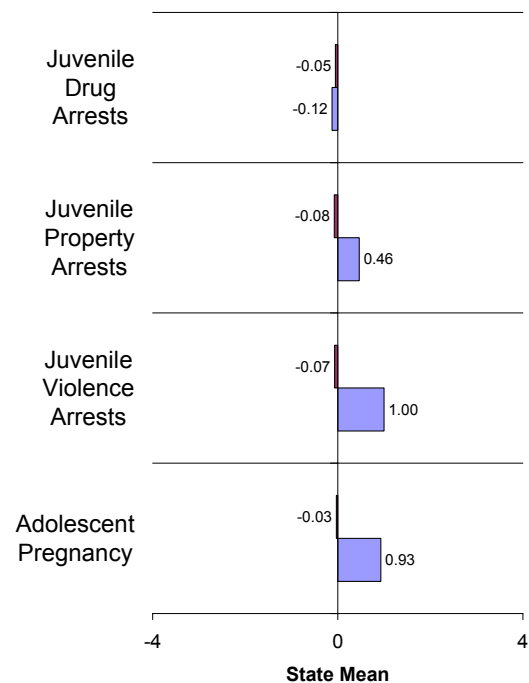
Risk Factor Scores



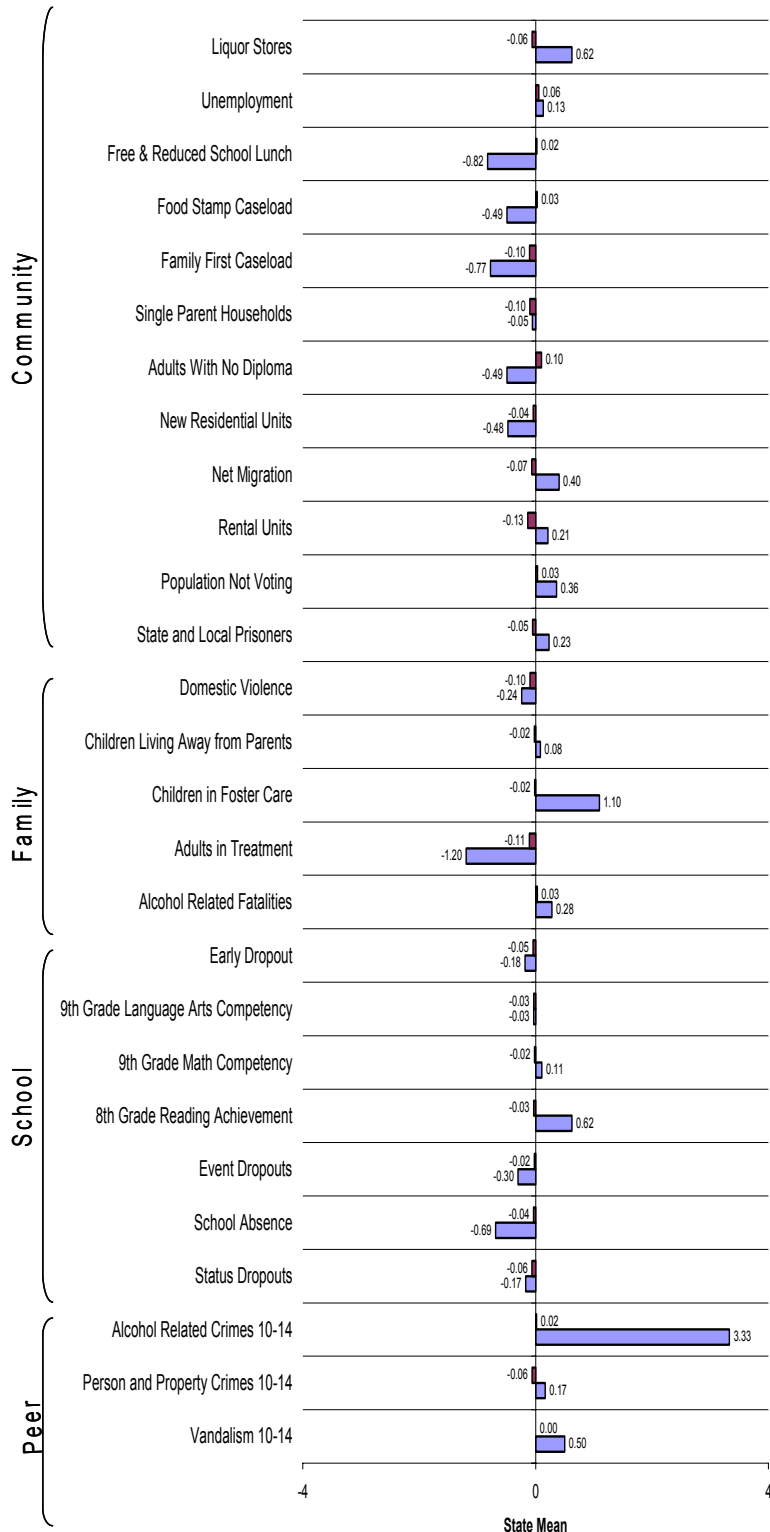
- Giles County's was high on the Peer risk factor and elevated on the Overall risk factor.

- Giles County's juvenile arrest rate for violent crimes and the adolescent pregnancy rate were high. The juvenile property crime arrest rate was elevated.

Problem Behaviors



Social Indicator Variables

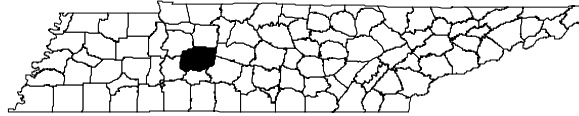


- Among Community variables, Giles County's liquor store, net migration, rental unit, nonvoting, and state and local prisoner rates were elevated.
- Among Family variables, Giles County's foster care rate was high and the alcohol related fatality rate was elevated.
- Performance on the 8th grade reading achievement test in Giles County was below average.
- The alcohol related crime rate among 10-14 year olds in Giles County was extremely high. The vandalism and person and property crime rates were elevated.

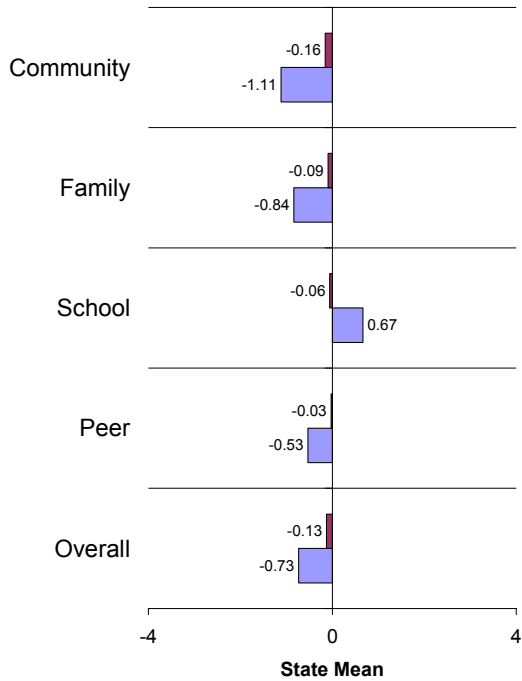
Hickman County

Pop. 22295

Non-Metro Counties ■
Hickman County ■



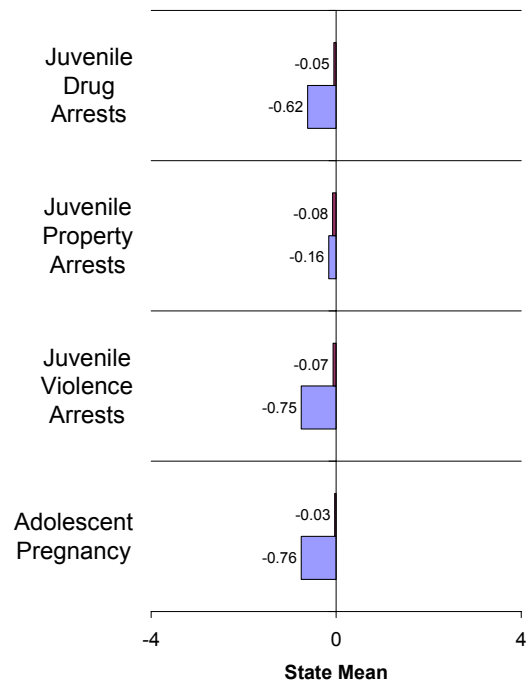
Risk Factor Scores

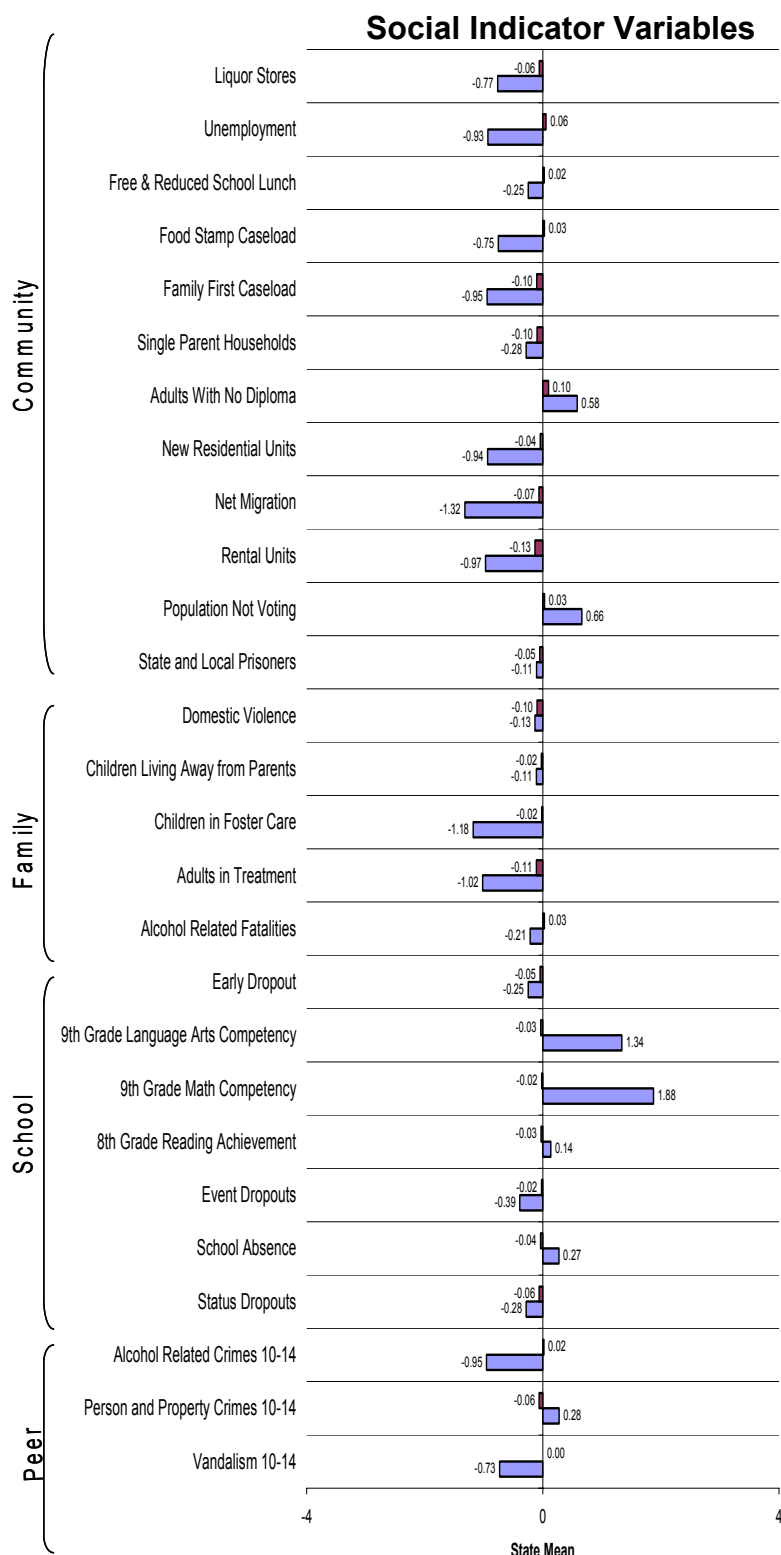


- Hickman County was elevated on the School risk factor.

- Hickman County was average or below on all problem behavior rates.

Problem Behaviors

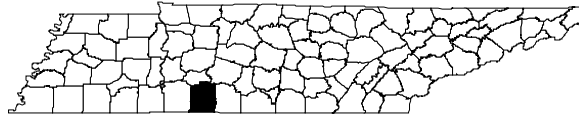




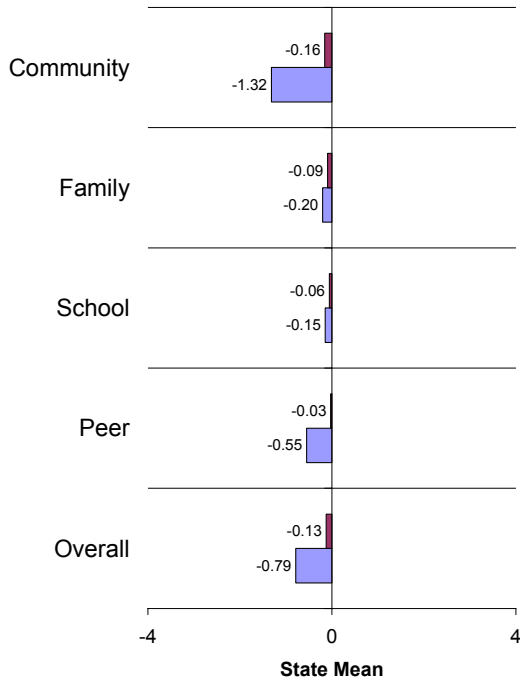
- Among Community variables, Hickman County's adults without diplomas and nonvoting population rates were high.
- All of Hickman County's Family variables were average or below.
- Among School variables in Hickman County, performance on the 9th grade competency tests was poor and absenteeism was elevated.
- The person and property crime rate among 10-14 year olds in Hickman County was elevated.

Lawrence County Pop. 39926

Non-Metro Counties ■
Lawrence County ■



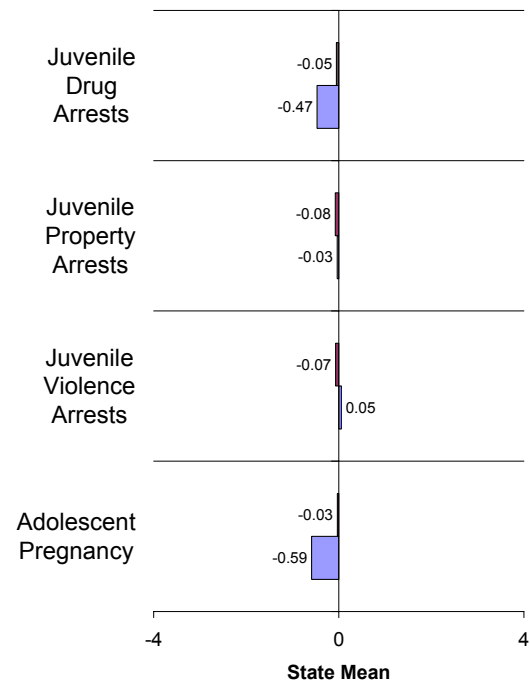
Risk Factor Scores



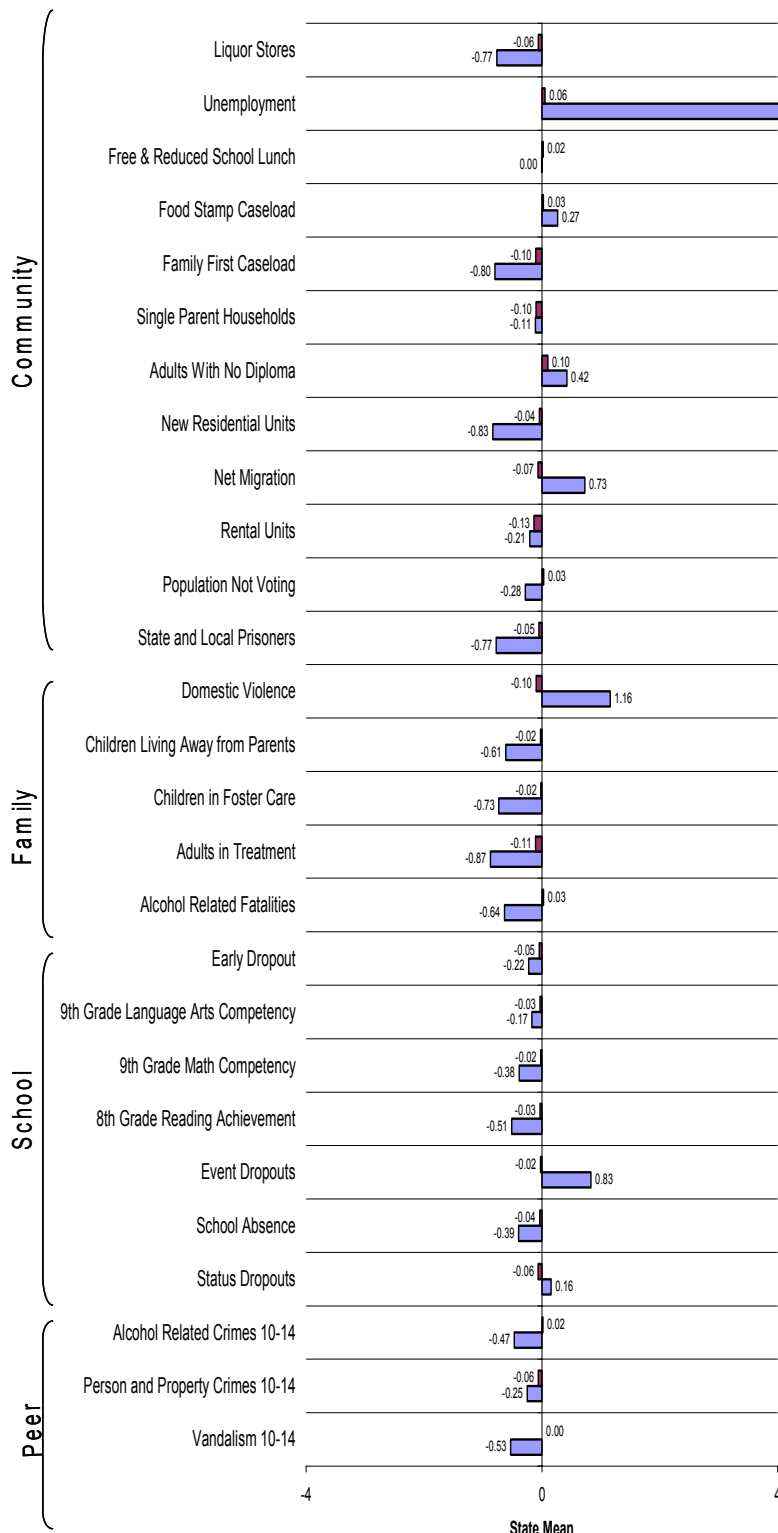
- Lawrence County was average or below on all risk factors.

- Lawrence County was average or below on all problem behavior rates.

Problem Behaviors



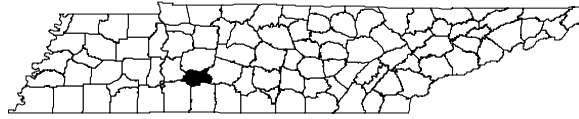
Social Indicator Variables



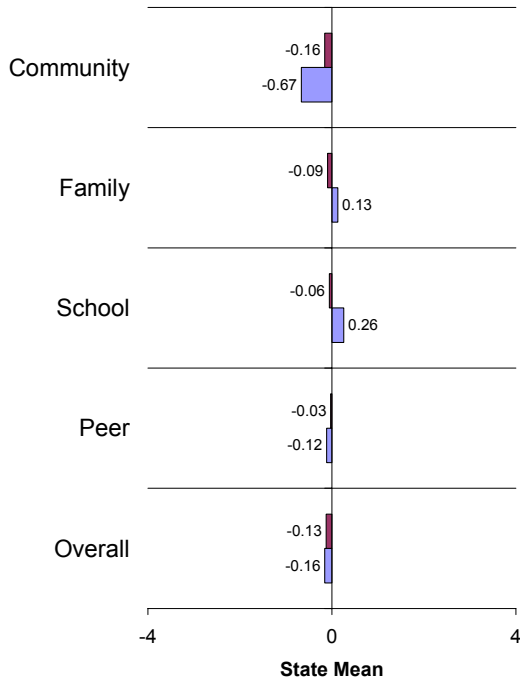
- Among Community variables, the unemployment rate in Lawrence County was extremely high. The adults without diplomas, food stamp caseload, and net migration rates were elevated.
- Among Family variables, Lawrence County's domestic violence rate was high.
- Among School variables, Lawrence County's event dropout rate was high and status dropouts were elevated.
- Peer related crime rates among 10-14 year olds in Lawrence County were low.

Lewis County Pop. 11367

Non-Metro Counties ■
Lewis County ■



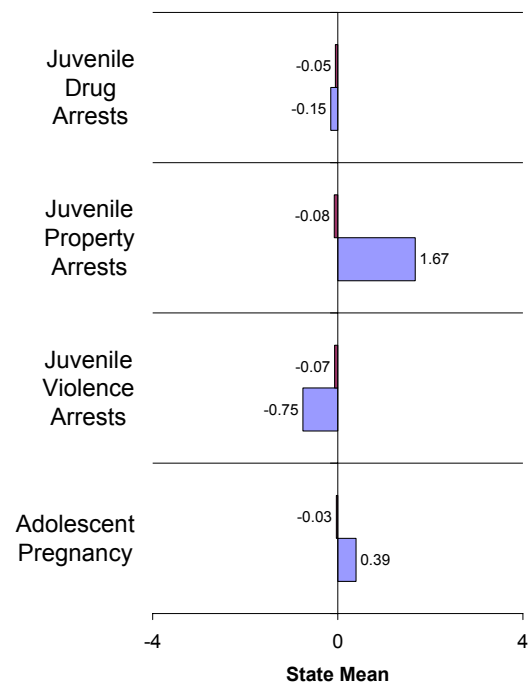
Risk Factor Scores



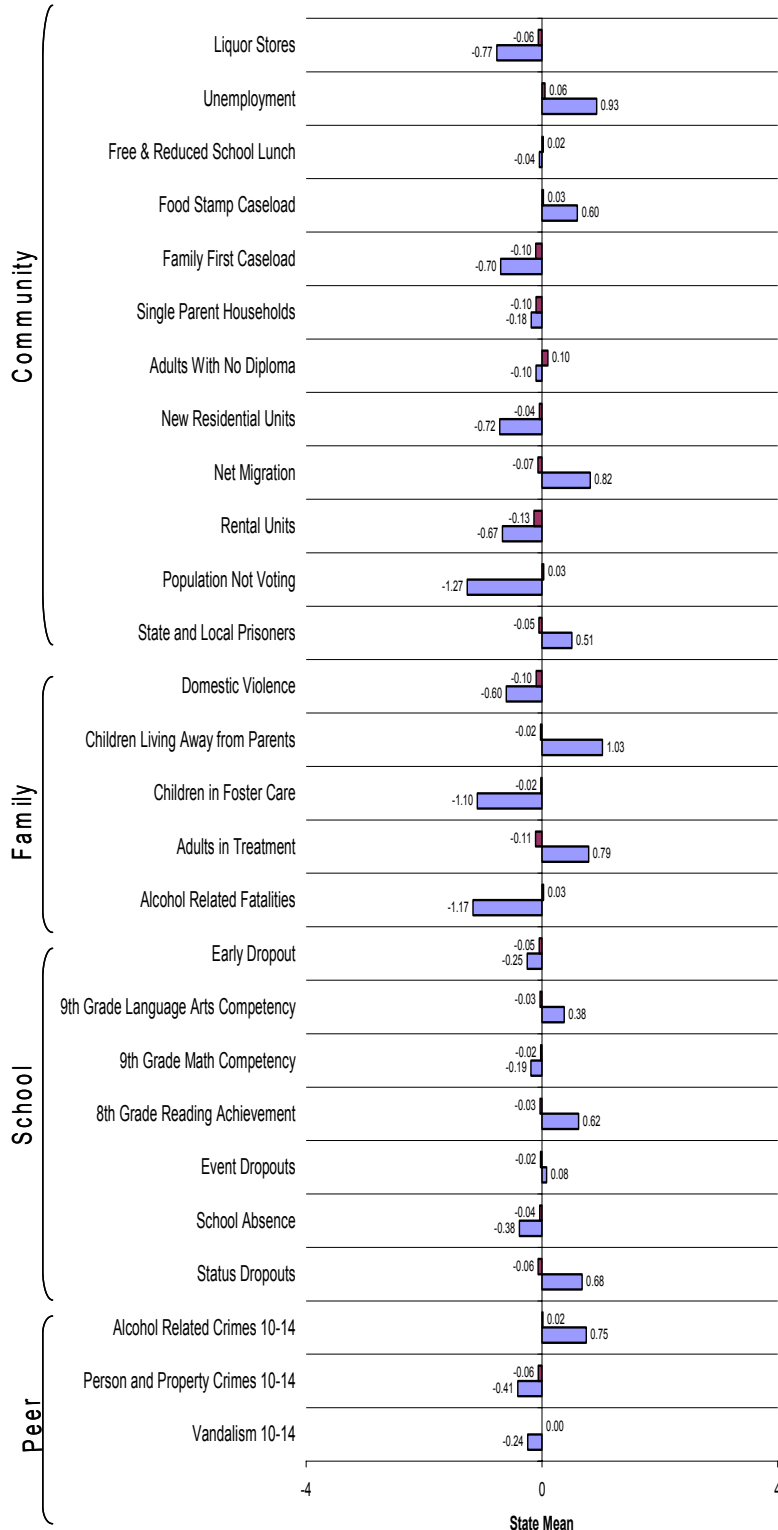
- Lewis County's Family and School risk factor scores were elevated.

- The juvenile arrest rate for property crimes in Lewis County was high and the adolescent pregnancy rate was elevated.

Problem Behaviors



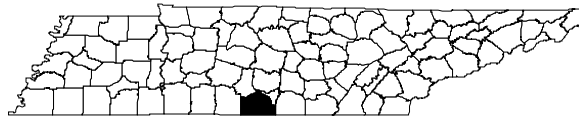
Social Indicator Variables



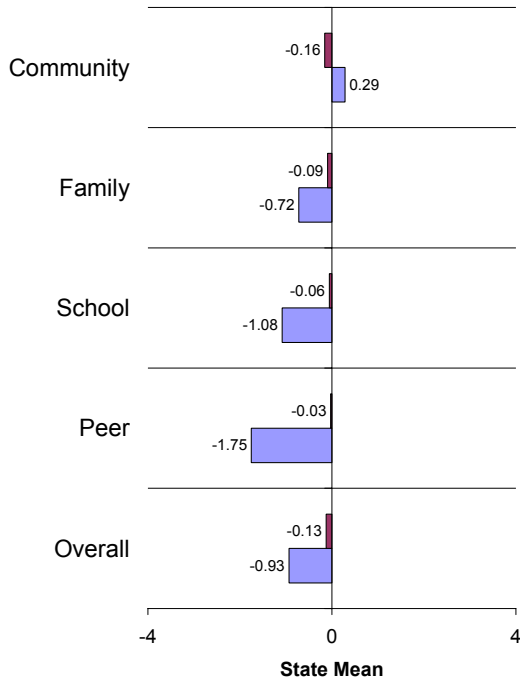
- Among Community variables, Lewis County's unemployment and net migration were high. The food stamp caseload, and state and local prisoner rates were elevated.
- Among Family variables, Lewis County's rates of children living away from parents and adults in treatment were high.
- Among School variables in Lewis County, performance in the 9th grade language arts competency and 8th grade reading achievement tests was below average. Also, the status dropout rate was elevated.
- The alcohol related crime rate among 10-14 year olds in Lewis County was elevated.

Lincoln County Pop. 31340

Non-Metro Counties ■
Lincoln County ■



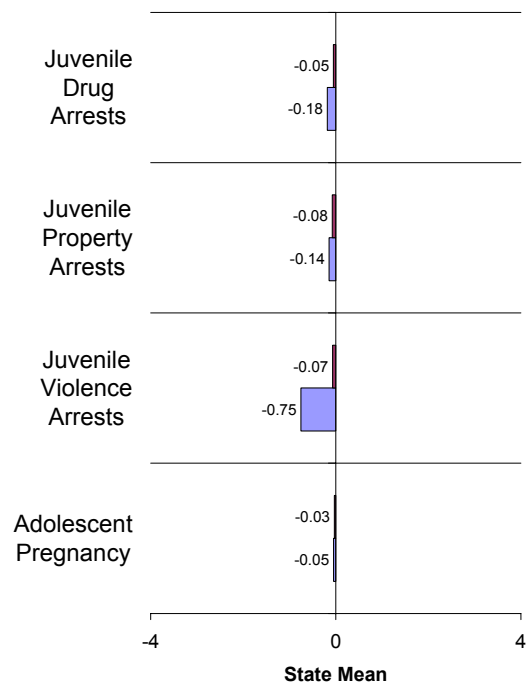
Risk Factor Scores



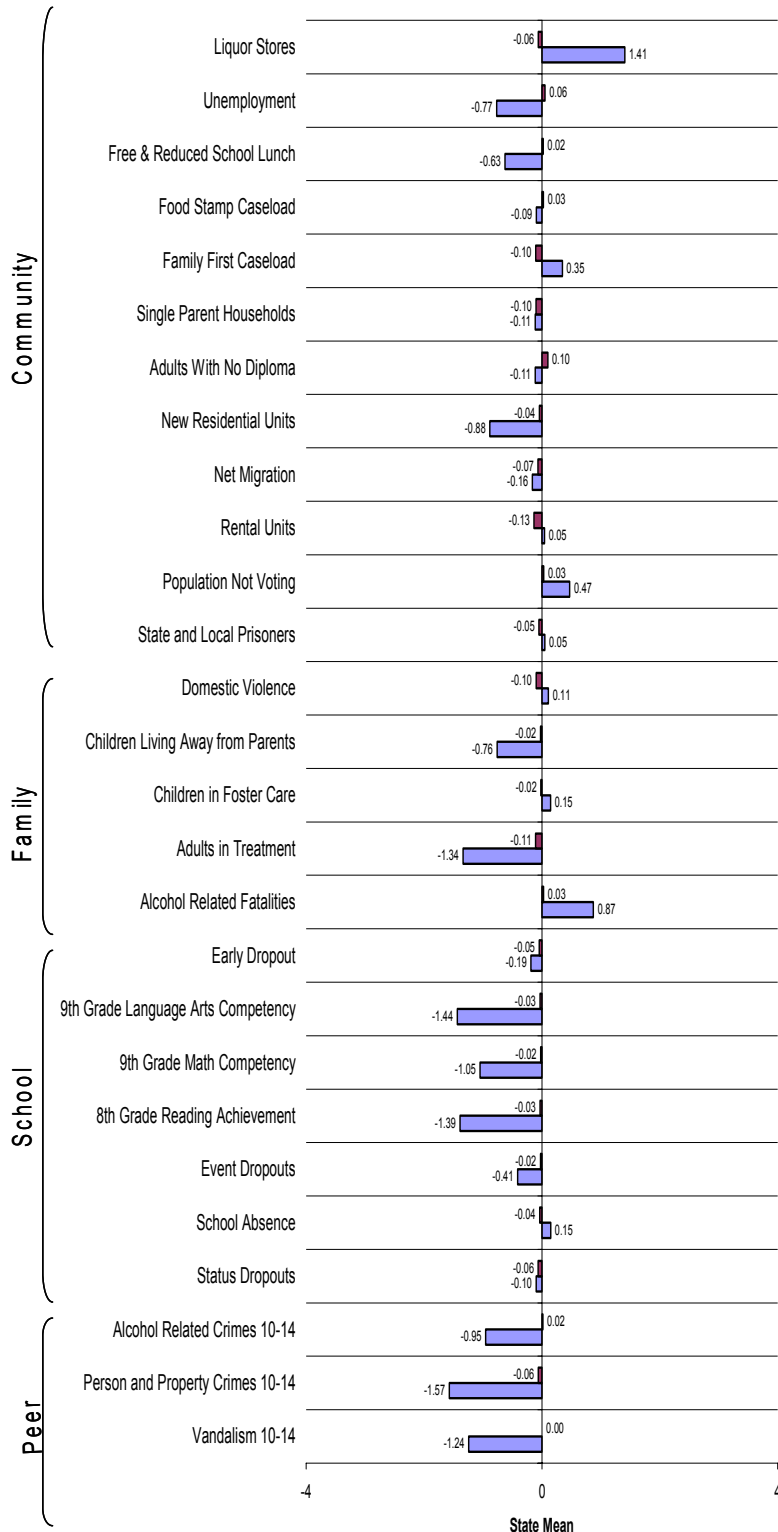
- Lincoln County's Community risk factor score was elevated. Otherwise, Lincoln County's risk factor scores were low.

- Lincoln County was average or below on all problem behavior rates.

Problem Behaviors



Social Indicator Variables

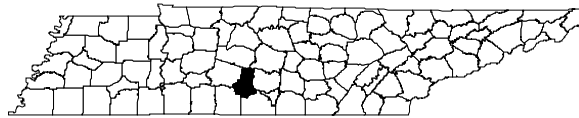


- Among Community variables, Lincoln County's liquor store rate was high. Family first caseload and nonvoting rates were elevated.
- Among Family variables, Lincoln County's domestic violence rate was slightly elevated and the alcohol related fatality rate was high.
- Among School variables in Lincoln County, absenteeism was slightly elevated. Otherwise, School variables were low and standardized test performance was above average.
- Peer related crime rates among 10-14 year olds in Lincoln County were low.

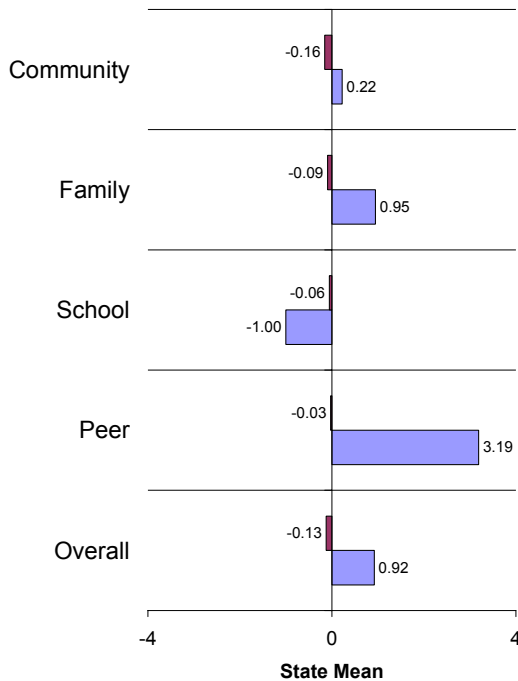
Marshall County

Pop. 27767

Non-Metro Counties ■
Marshall County ■



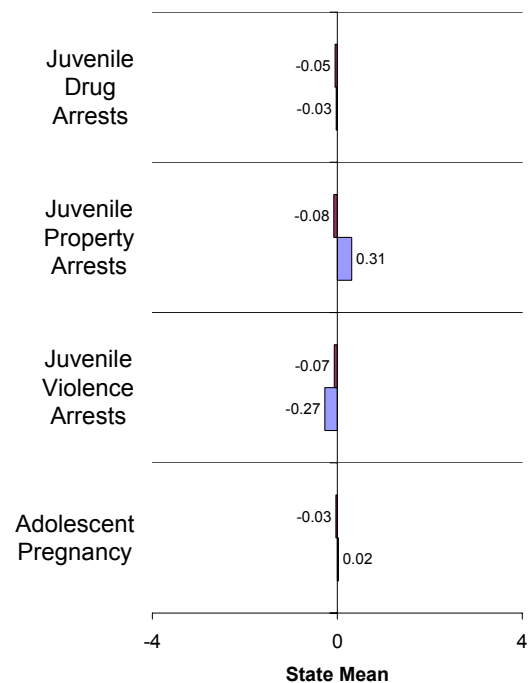
Risk Factor Scores



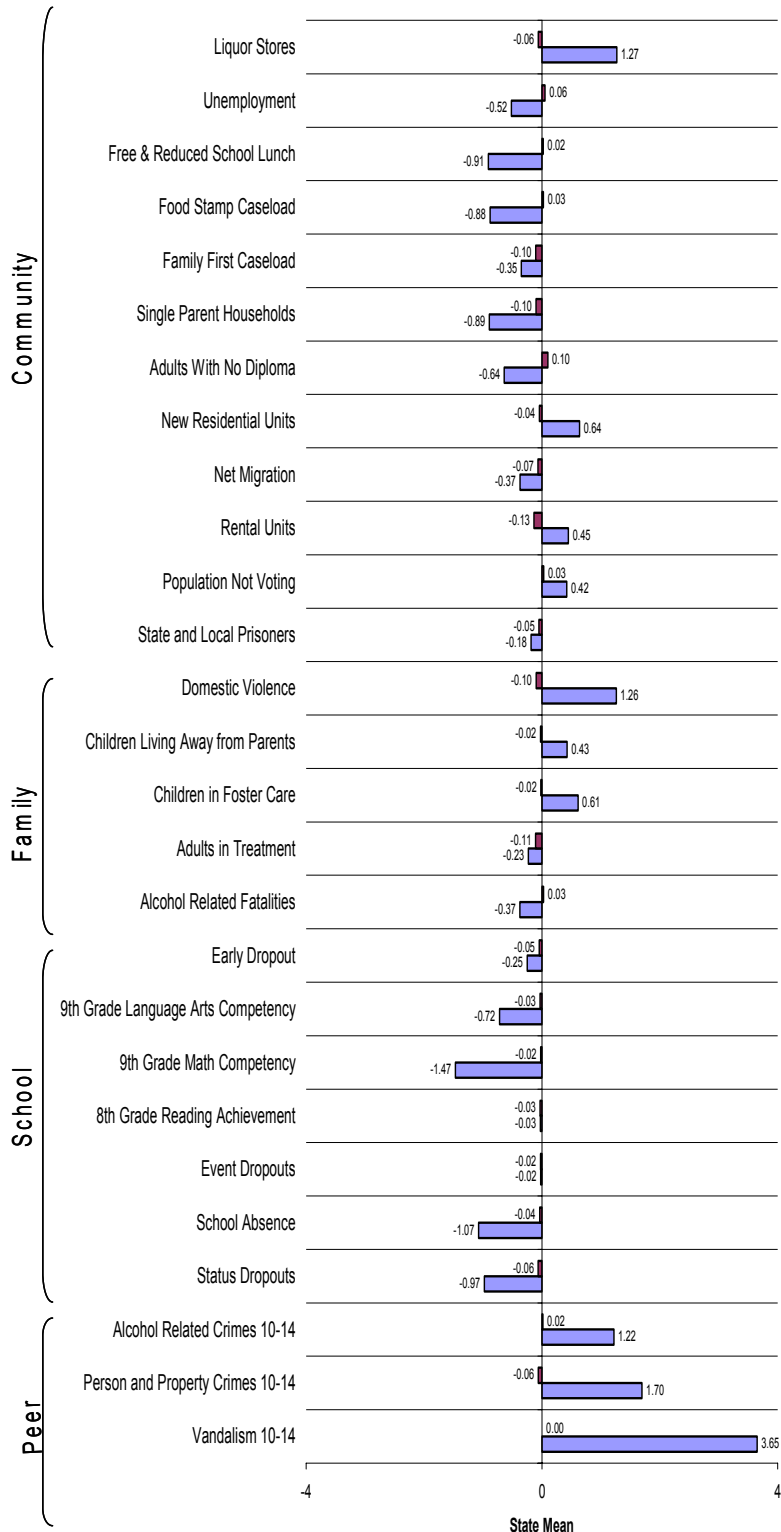
- Marshall County's Peer risk factor score was extremely high, the Family and Overall risk factor scores were high and the Community risk factor score was elevated.

- Marshall County's arrest rate for juvenile property crimes was elevated. Otherwise, Marshall County's problem behavior rates were low.

Problem Behaviors



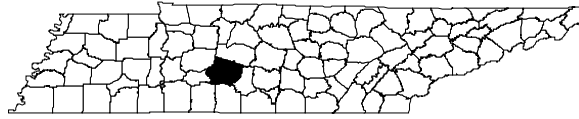
Social Indicator Variables



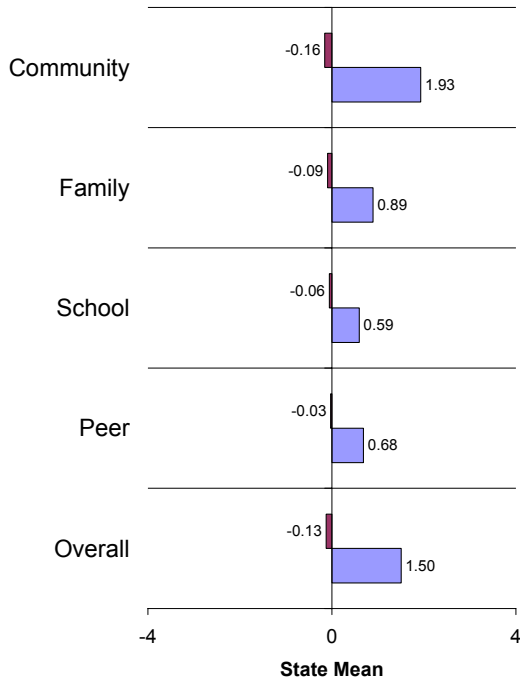
- Among Community variables, Marshall County's liquor store rate was high. New residential unit, rental unit, and nonvoting rates were elevated.
- Among Family variables, Marshall County's domestic violence rate was high. Children living away from parents and foster care rates were elevated.
- All of Marshall County's School variables were average or below.
- The vandalism rate among 10-14 year olds in Marshall County was extremely high and the person and property and alcohol related crime rates among 10-14 year olds were high.

Maury County Pop. 69498

Non-Metro Counties ■
Maury County ■



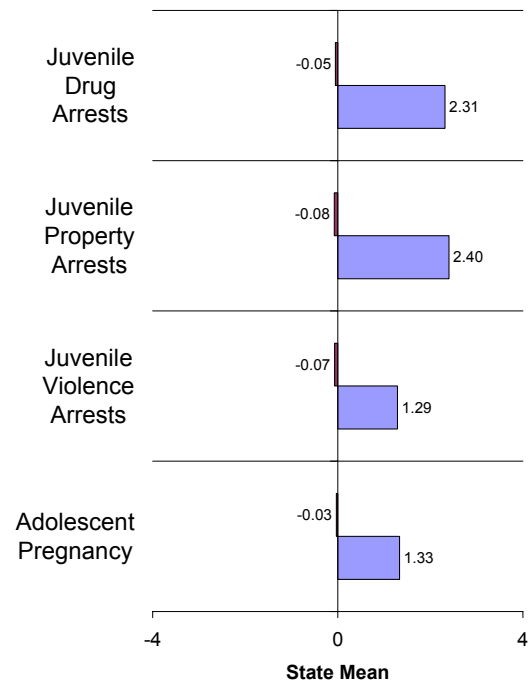
Risk Factor Scores



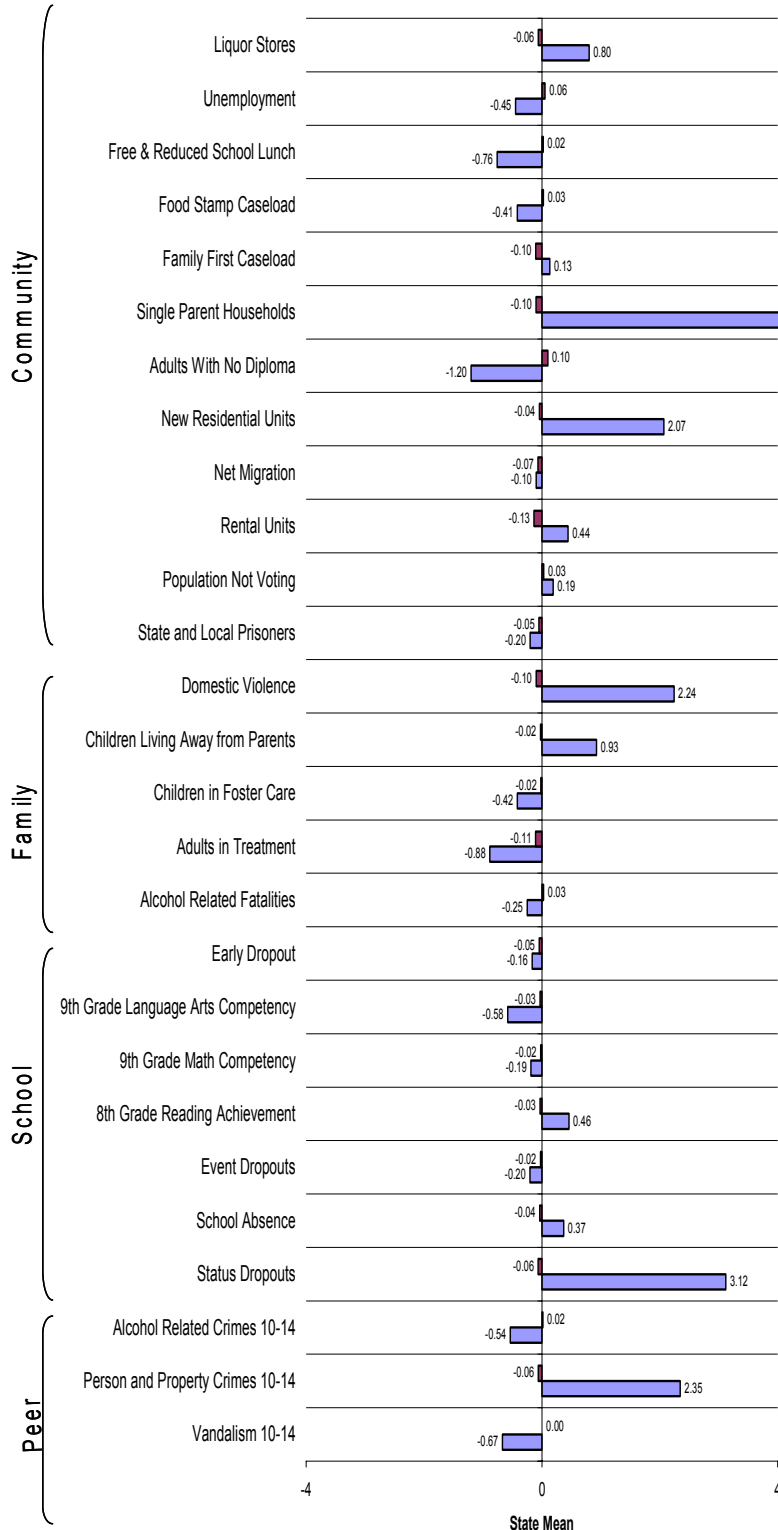
- Maury County was high on the Community, Family, and Overall risk factor scores and elevated on the School and Peer risk factor scores.

- Juvenile drug and property crime arrests were very high in Maury County. Juvenile violence arrests and adolescent pregnancies were high.

Problem Behaviors



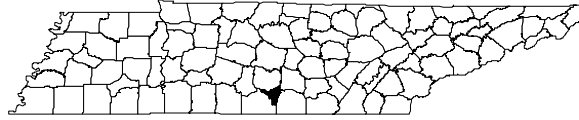
Social Indicator Variables



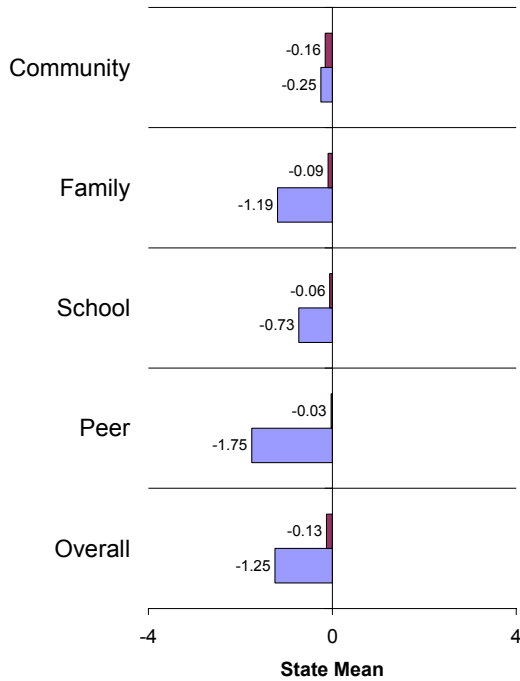
- Among Community variables, Maury County's single parent household rate was extremely high, the new residential unit rate was very high, and the liquor store rate was high. The rental unit rate was elevated and the family first caseload was slightly elevated.
- Among Family variables, Maury County's domestic violence rate was very high and children living away from parents was high.
- Maury County's status dropout rate was extremely high. Performance in the 8th grade reading achievement test was below average and absenteeism was elevated.
- The person and property crime rate for 10-14 year olds in Maury County was very high.

Moore County Pop. 5740

Non-Metro Counties ■
Moore County ■



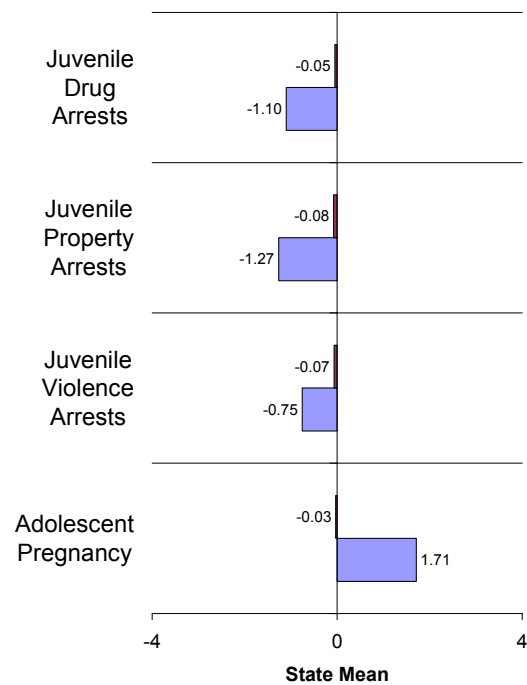
Risk Factor Scores



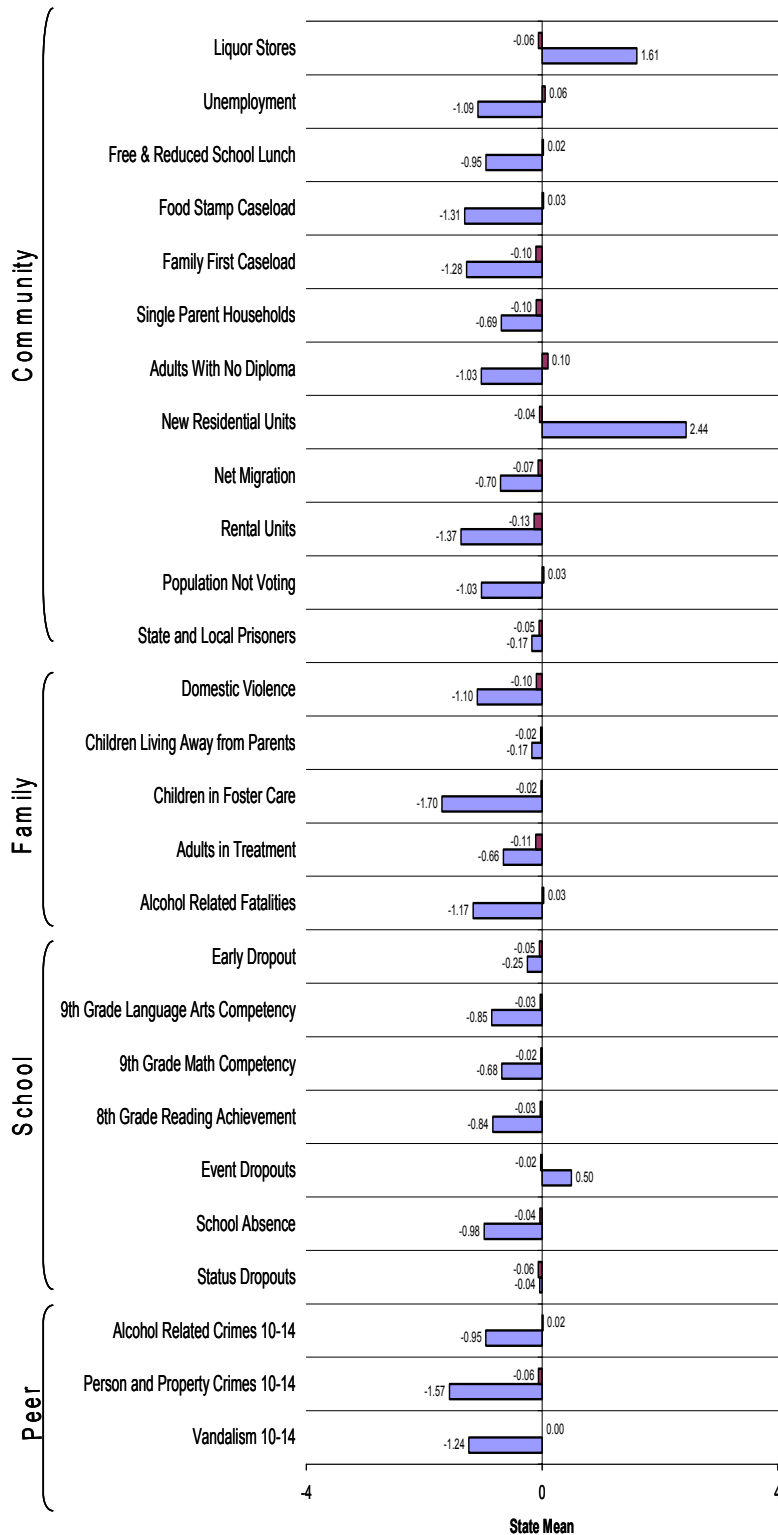
- Moore County's risk factor scores were low.

- Moore County's adolescent pregnancy rate was high. Otherwise, Moore County's problem behavior rates were low.

Problem Behaviors



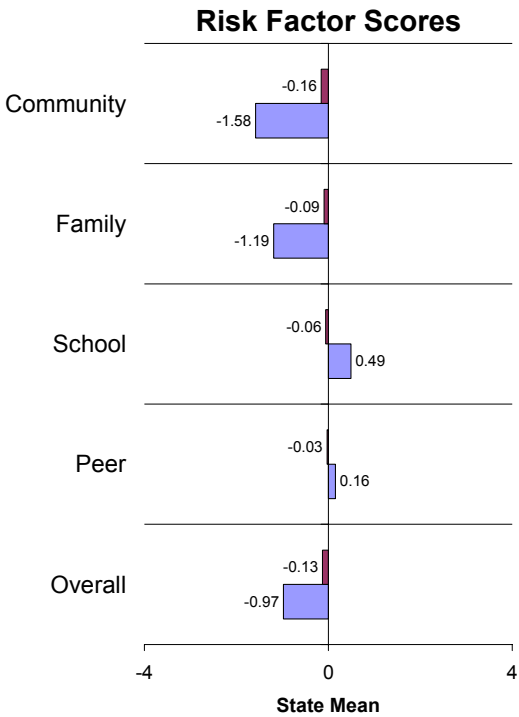
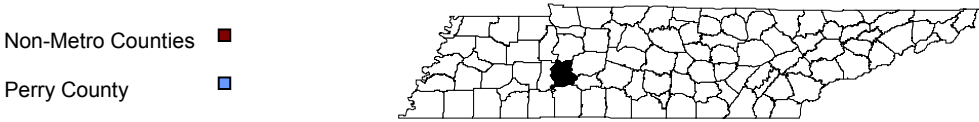
Social Indicator Variables



- Among Community variables, Moore County's new residential unit rate was very high and the liquor store rate was high.
- Moore County's Family variables were low.
- Among School variables, Moore County's event dropout rate was elevated. Otherwise, Moore County's School variables were low.
- Peer related crime rates among 10-14 year olds in Moore County were low.

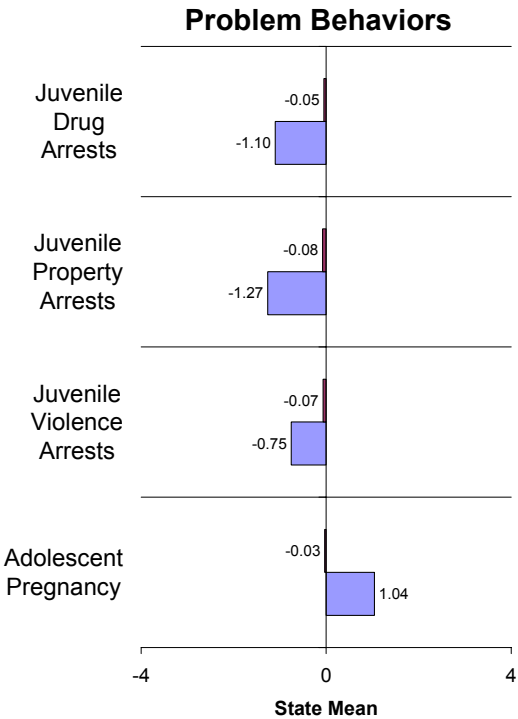
Perry County

Pop. 7631

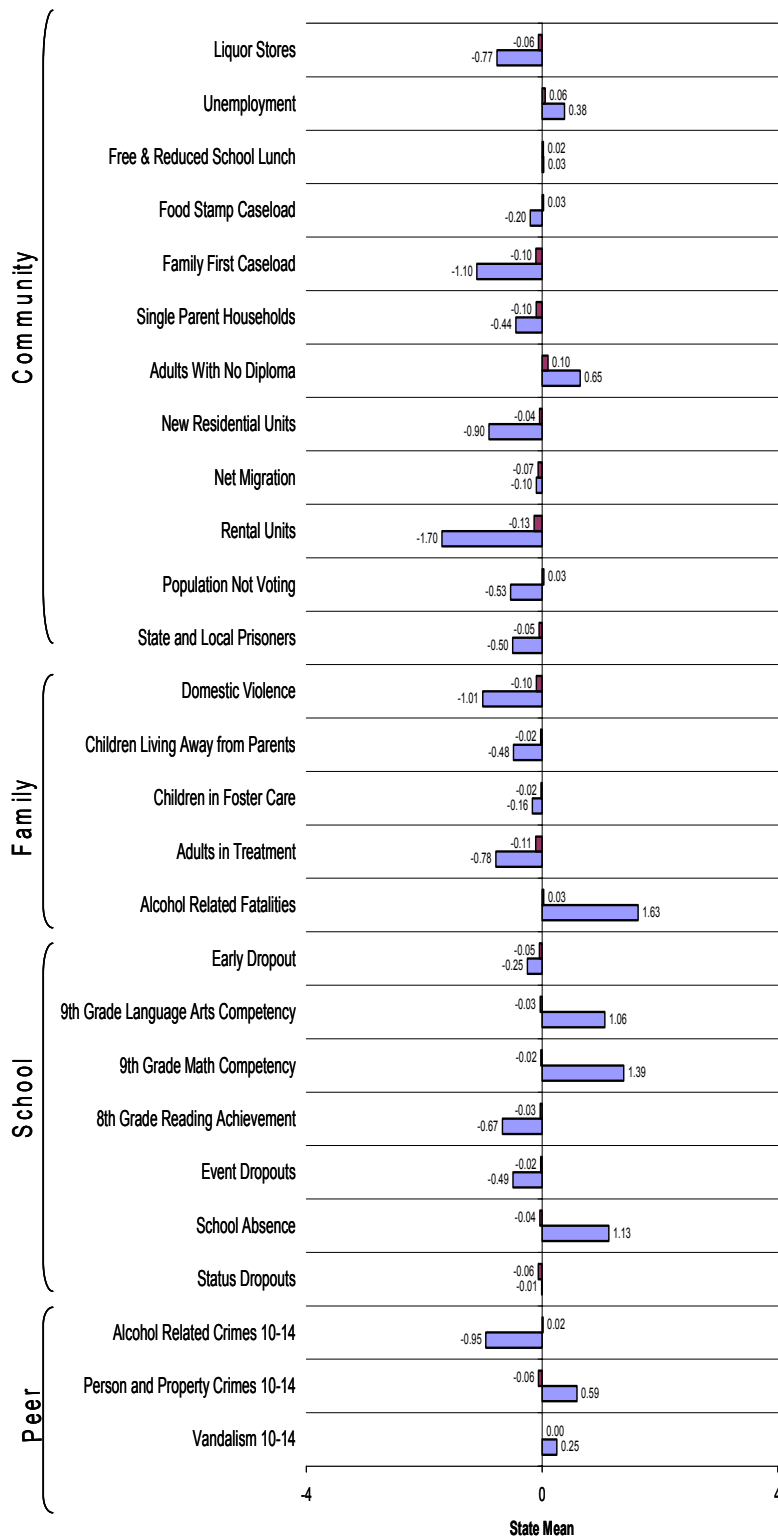


- Perry County’s School risk factor score was elevated and the Peer risk factor score was slightly elevated.

- Perry County’s adolescent pregnancy rate was high. Otherwise, Perry County’s problem behavior rates were low.



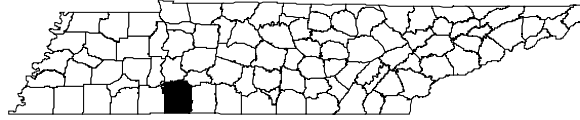
Social Indicator Variables



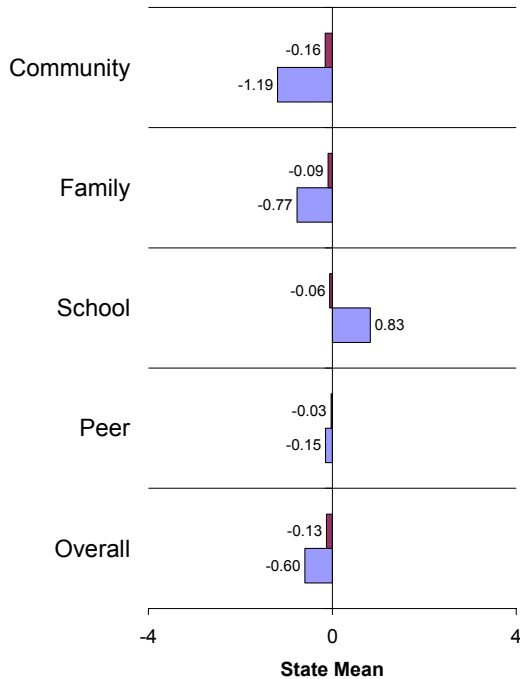
- Among Community variables, Perry County's unemployment and adults without diplomas rates were elevated.
- Among Family variables, Perry County's alcohol related fatalities rate was high.
- Among School variables in Perry County, performance in the 9th grade competency tests was poor and absenteeism was high.
- The person and property and vandalism crime rates among 10-14 year olds in Perry County were elevated.

Wayne County Pop. 16842

Non-Metro Counties ■
Wayne County ■



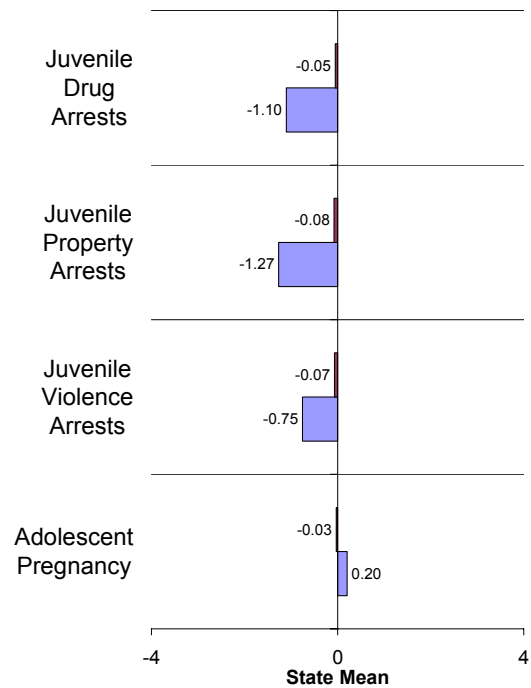
Risk Factor Scores



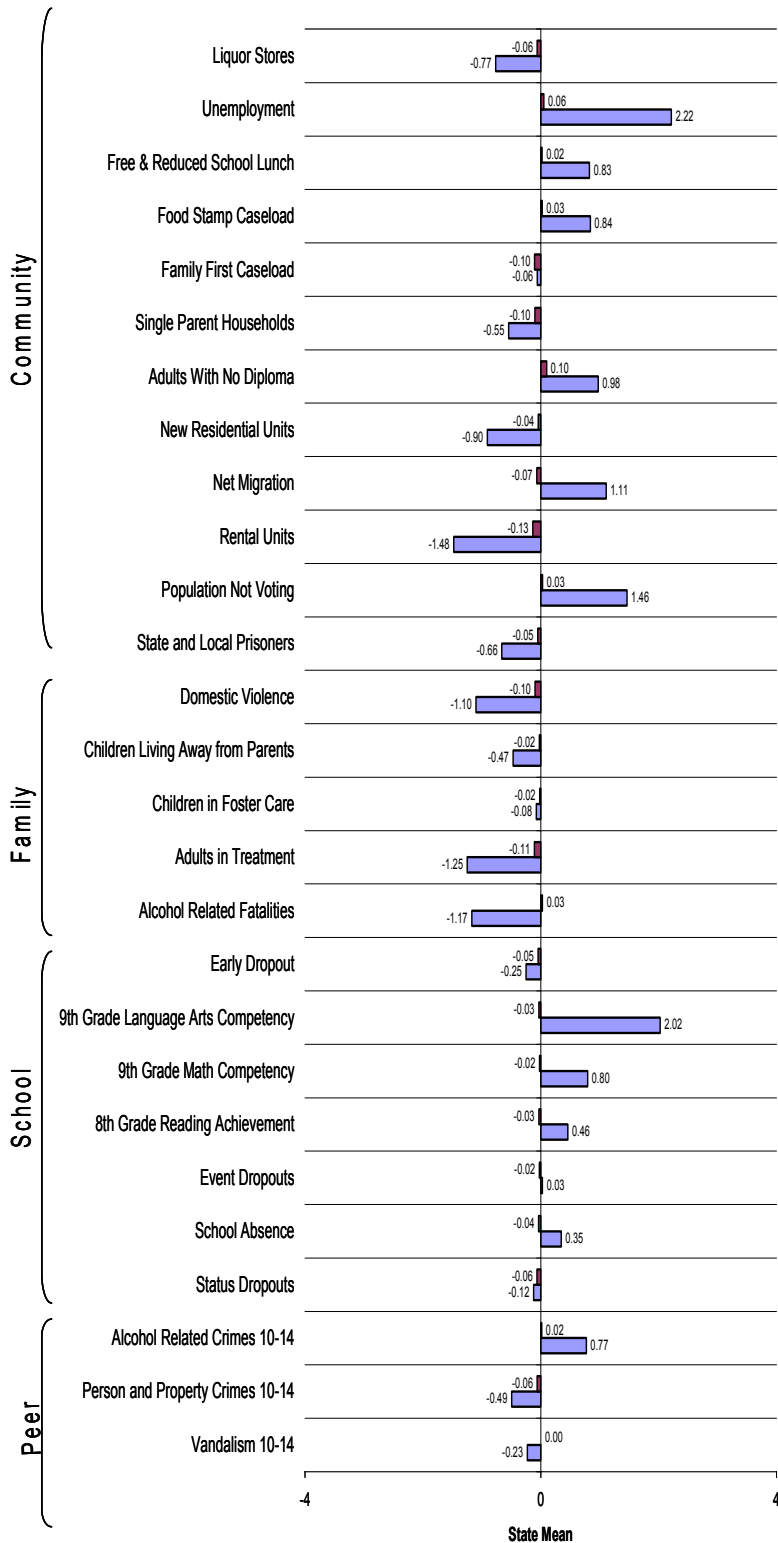
- Wayne County's School risk factor score was high. Otherwise, Wayne County's risk factor scores were average or below.

- Wayne County's adolescent pregnancy rate was elevated. Otherwise, Wayne County's problem behavior rates were low.

Problem Behaviors



Social Indicator Variables

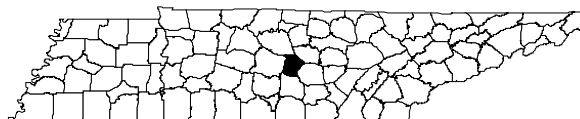


- Among Community variables, Wayne County's unemployment rate was extremely high. Free and reduced lunch, food stamp caseload, adults without diplomas, net migration, and nonvoting rates were high.
- Wayne County's Family variables were average or below.
- Among School variables in Wayne County, performance in the 9th grade language arts competency test was very poor, performance in the 9th grade math competency test was poor, and performance in the 8th grade reading achievement test was below average. Absenteeism was elevated.
- The alcohol related crime rate among 10-14 year olds in Wayne County was elevated.

Upper Cumberland Region

Cannon County

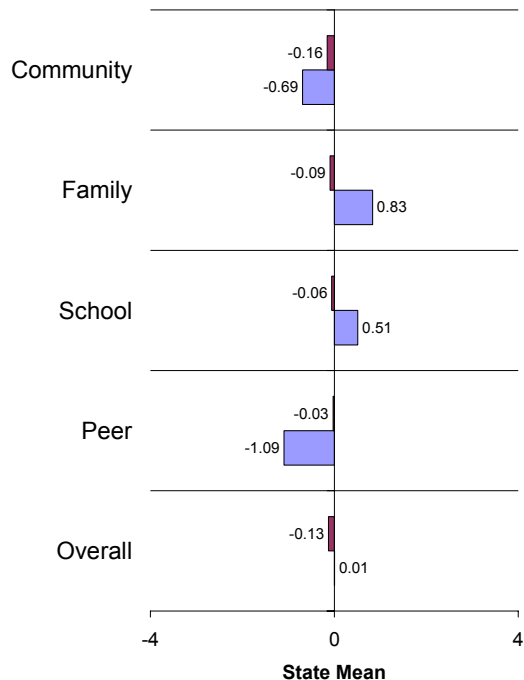
Pop. 12826



Non-Metro Counties ■

Cannon County ■

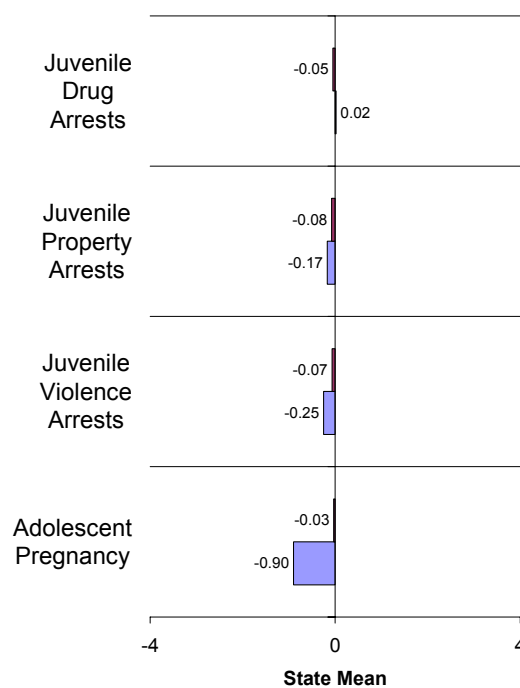
Risk Factor Scores



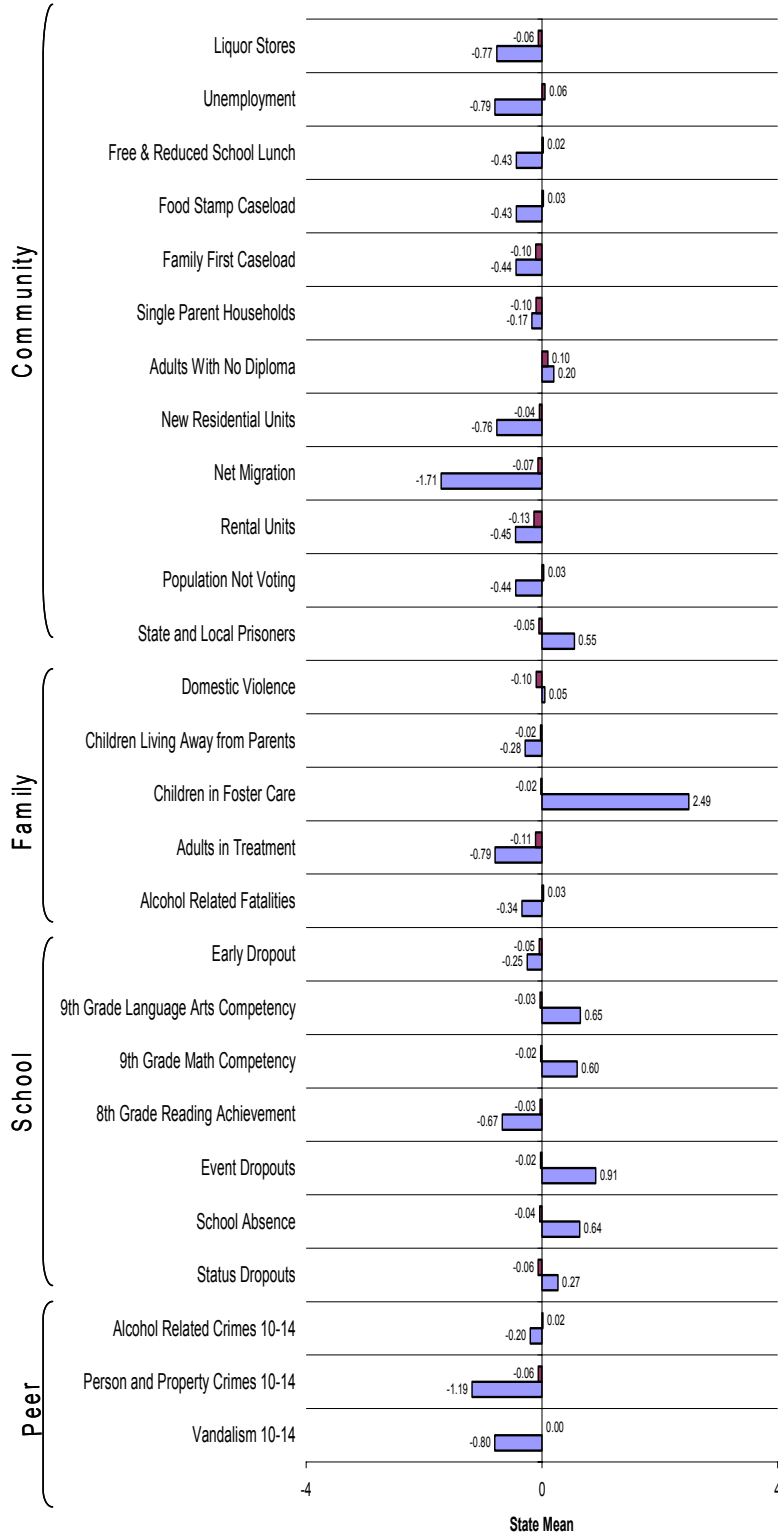
- Cannon County's Family risk factor score was high. The School risk factor score was elevated.

- Cannon County's problem behavior rates were all average or below.

Problem Behaviors



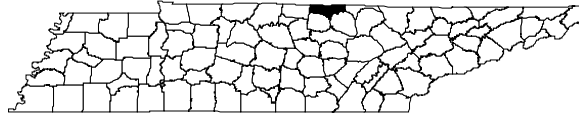
Social Indicator Variables



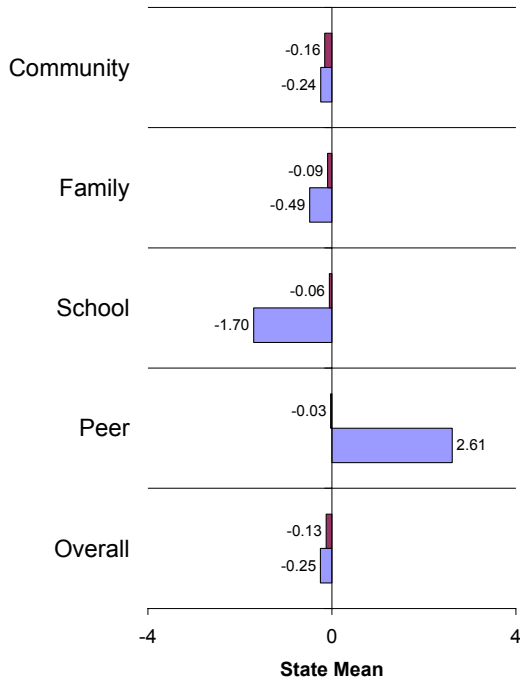
- Among Cannon County's Community variables, the state and local prisoners rate was elevated. All other Community variables were low.
- Among Family variables, Cannon County's foster care rate was very high.
- All of Cannon County's School variables were elevated, except for early dropout rates and 8th grade reading achievement.
- Peer related crime rates among 10-14 year olds in Cannon County were low.

Clay County Pop. 7976

Non-Metro Counties ■
Clay County ■



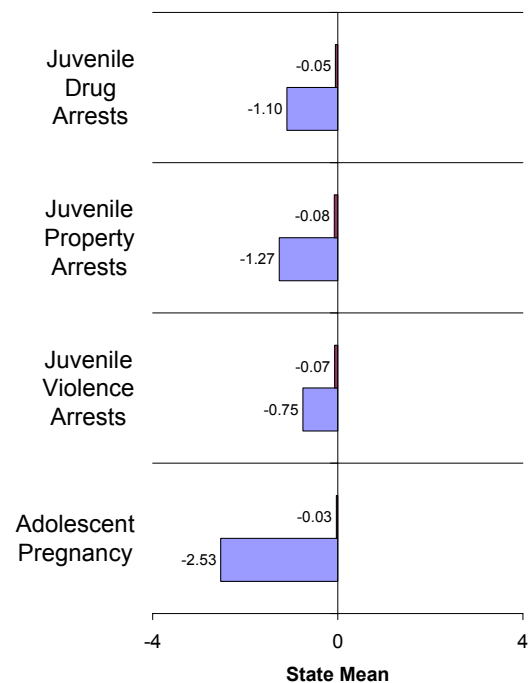
Risk Factor Scores



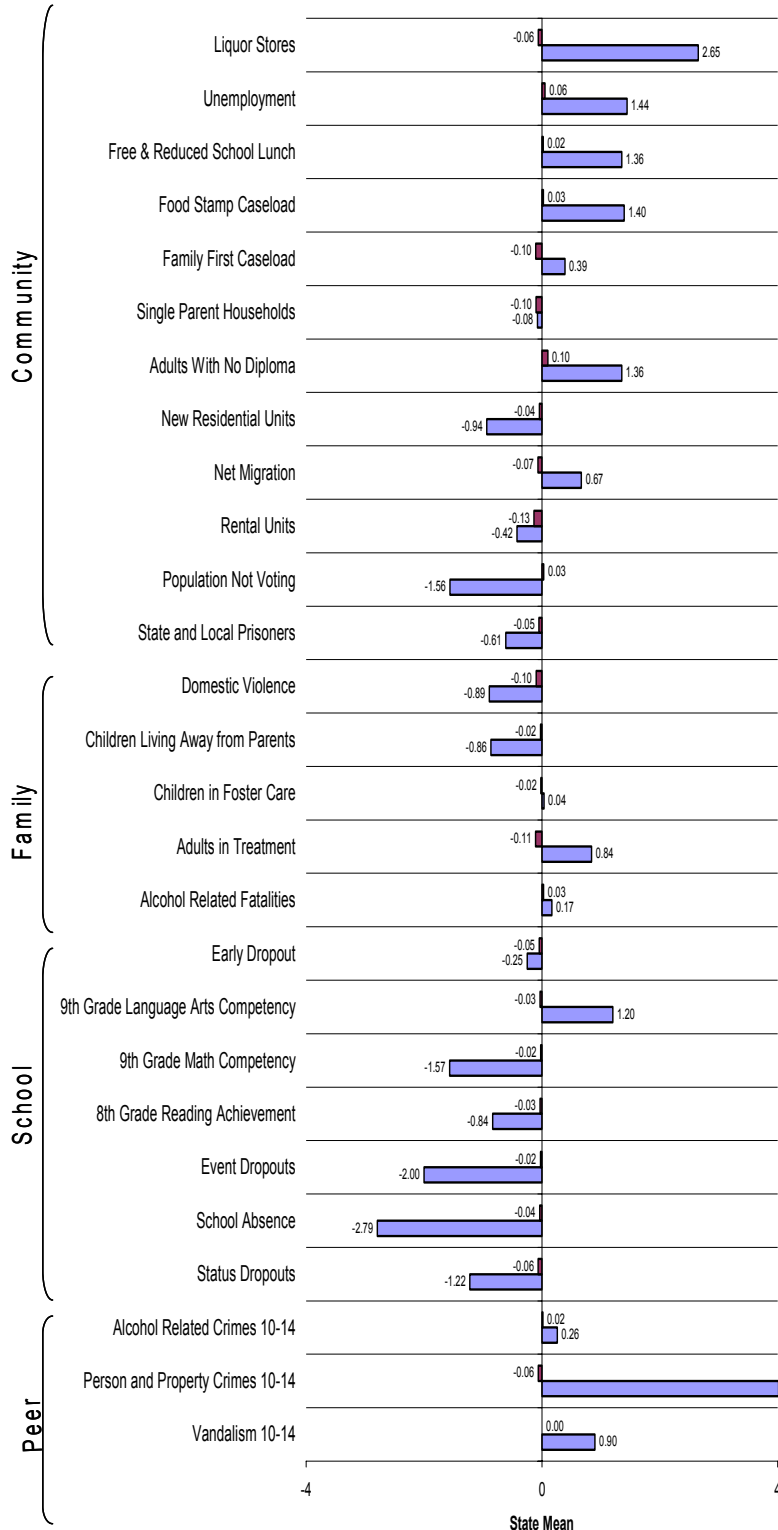
- Clay County's Peer risk factor score was very high. Otherwise, Clay County's risk factor scores were average or below.

- Clay County was low on all problem behavior rates.

Problem Behaviors



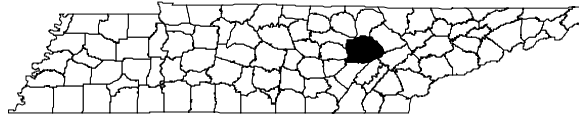
Social Indicator Variables



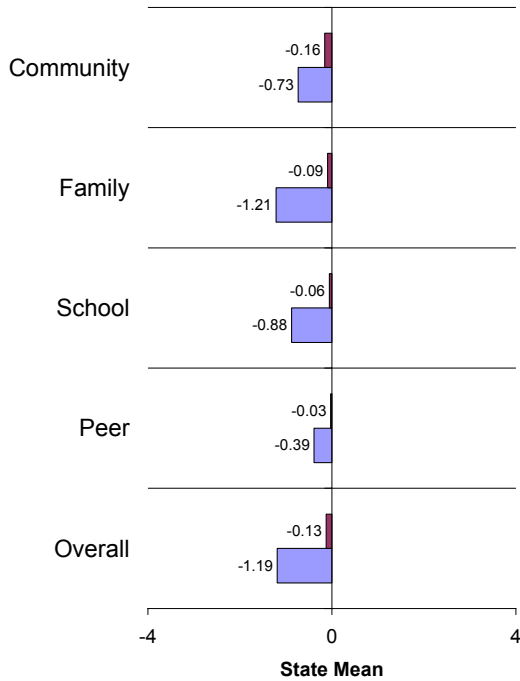
- Among Community variables, Clay County's liquor store rate was very high. Unemployment, free and reduced school lunch, food stamp caseload, and adults without diplomas rates were high. The family first caseload and net migration rates were elevated.
- Among Family variables, Clay County's adult treatment rate was high.
- Among Clay County's School variables, performance in the 9th grade language arts competency test was poor.
- The person and property crime rate among 10-14 year olds in Clay County was extremely high. Additionally, the vandalism was high and the alcohol related crime was elevated.

Cumberland County Pop. 46802

Non-Metro Counties ■
Cumberland County ■



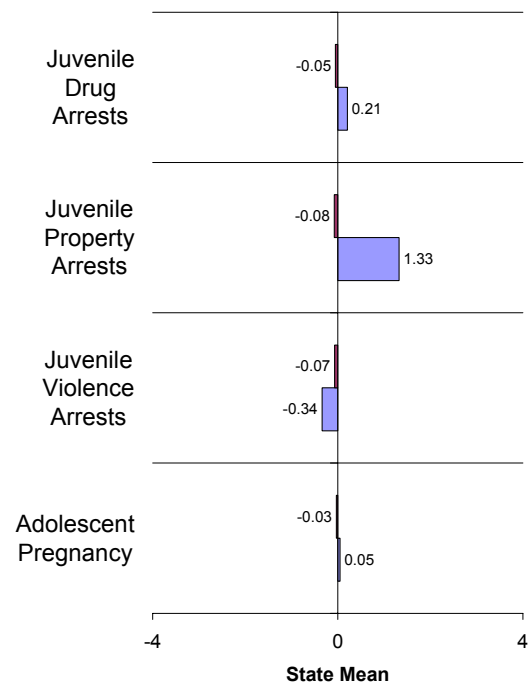
Risk Factor Scores

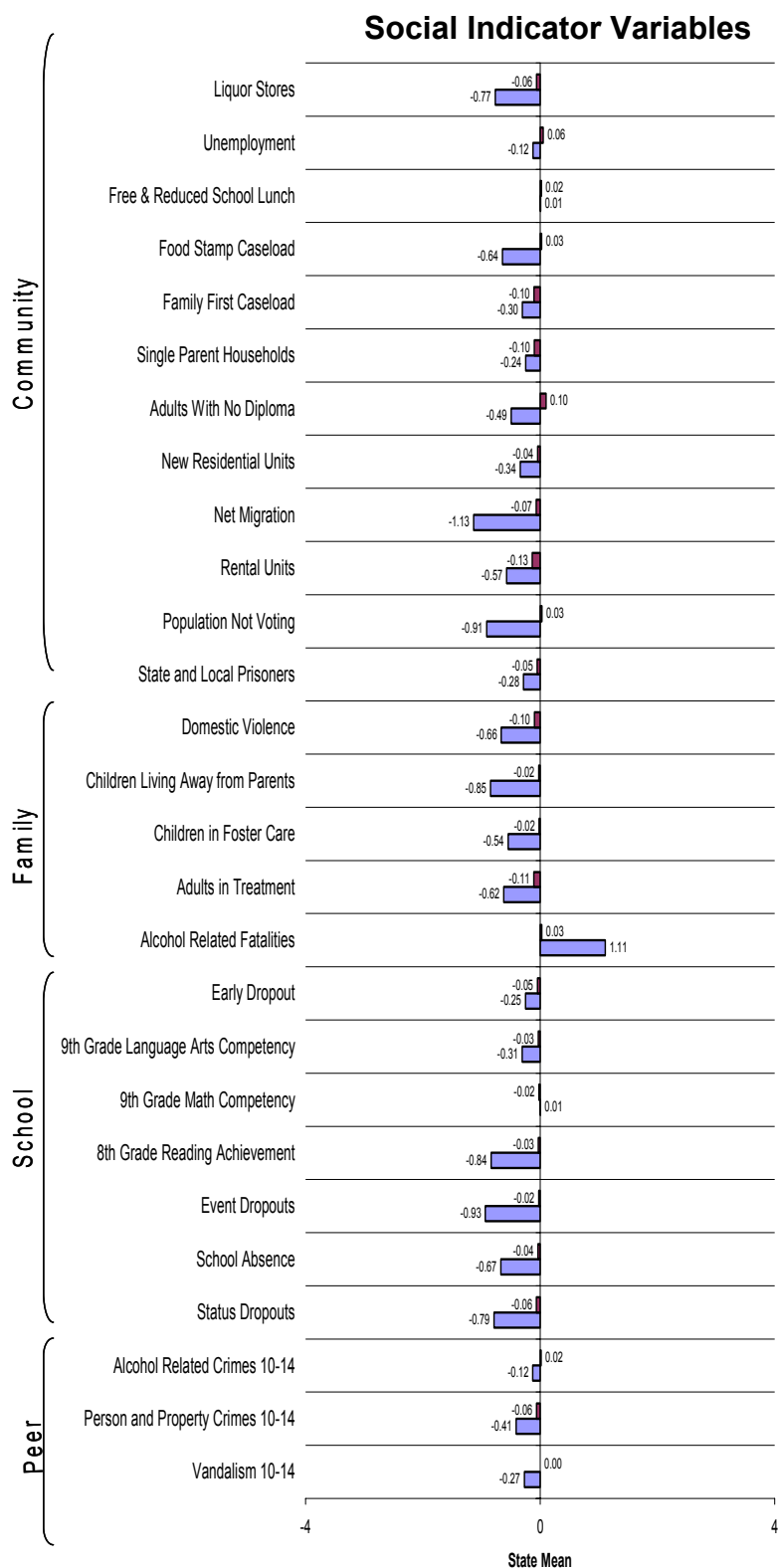


- Cumberland County was low on all risk factors.

- Cumberland County's juvenile property crime arrest rate was high and the juvenile drug arrest rate was elevated.

Problem Behaviors

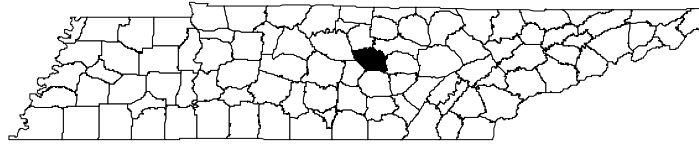




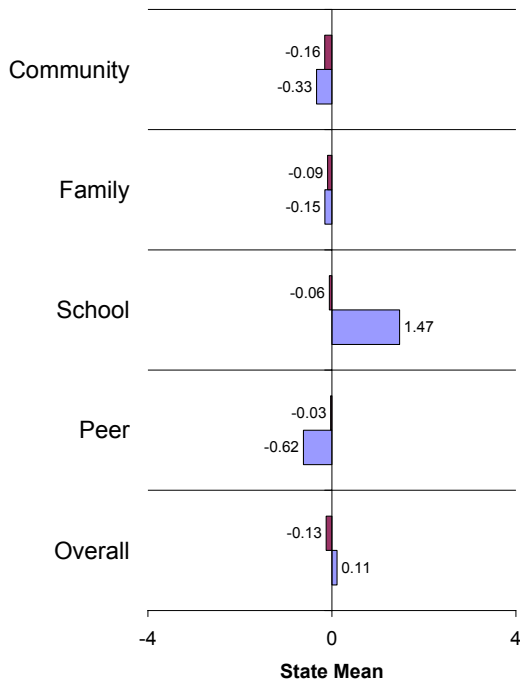
- All of Cumberland County's Community variables were average or below.
- Among Cumberland County's Family variables, the alcohol related fatalities rate was high. All other Family variables were low.
- Cumberland County's School variable rates were average to low.
- Peer related crime rates among 10-14 year olds in Cumberland County were average or below.

DeKalb County Pop. 17423

Non-Metro Counties ■
DeKalb County ■



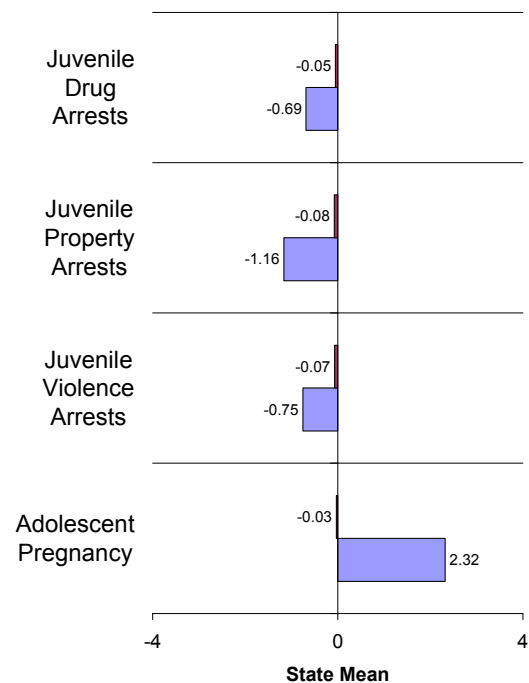
Risk Factor Scores

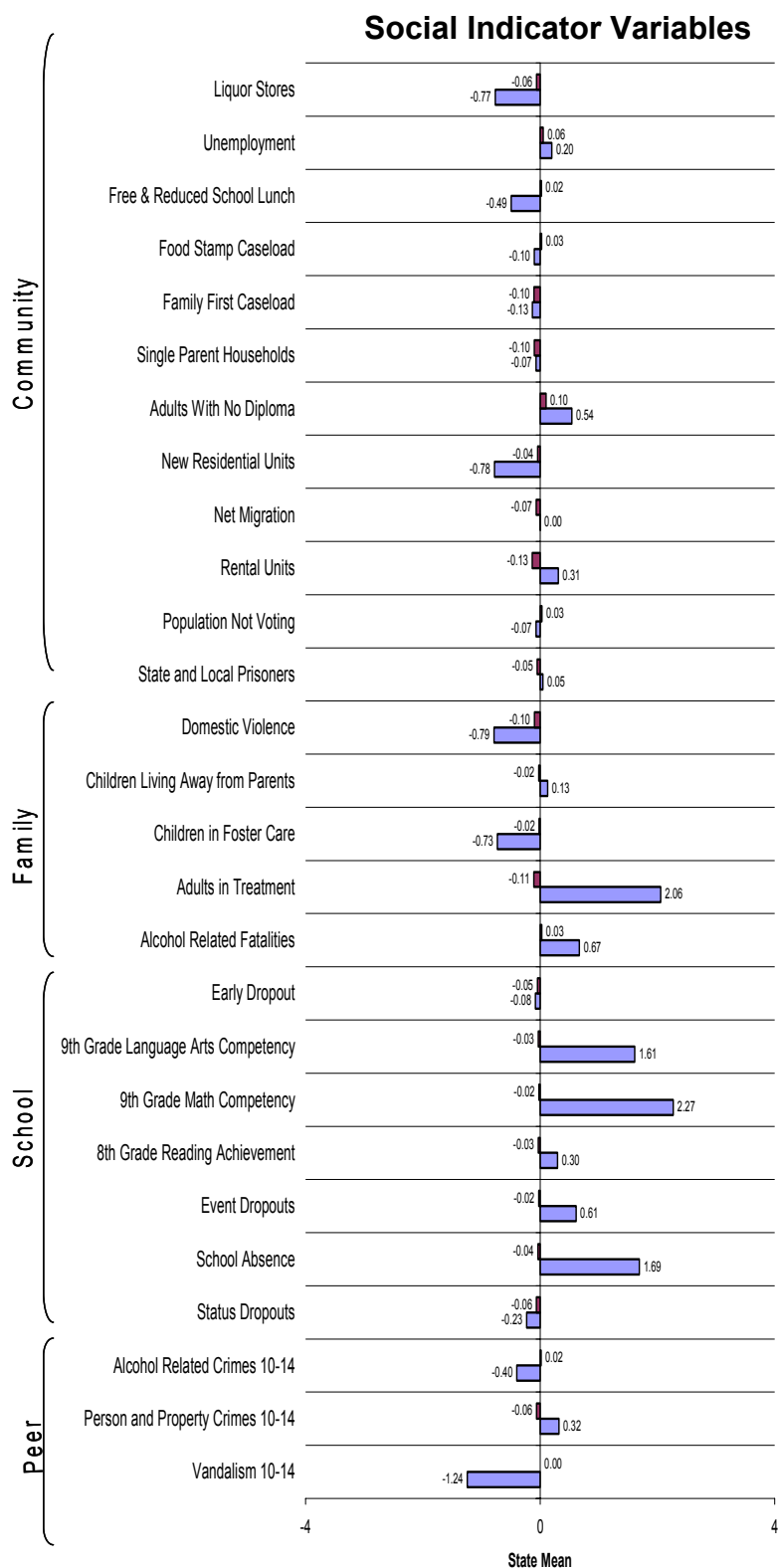


- DeKalb County's School risk factor score was high and the Overall risk factor score was slightly elevated.

- DeKalb County's adolescent pregnancy rate was very high. Otherwise, DeKalb County's problem behavior rates were low.

Problem Behaviors

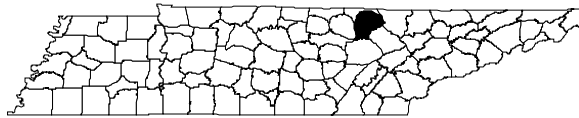




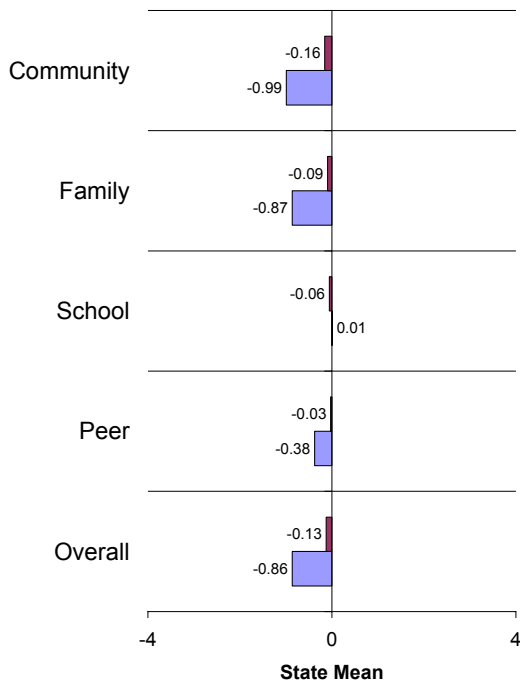
- Among Community variables, Dekalb County's adults without diplomas and rental unit rates were elevated.
- Among Family variables, Dekalb County's adult treatment rate was very high and alcohol related fatalities were elevated.
- Among School variables in Dekalb County, performance on the 9th grade competency tests was poor and 8th grade reading achievement was below average. Absenteeism was high and the event dropout rate was elevated.
- The person and property crime rate among 10-14 year olds in Dekalb County was elevated. Other peer related crime rates were low.

Fentress County Pop. 16625

Non-Metro Counties ■
Fentress County ■



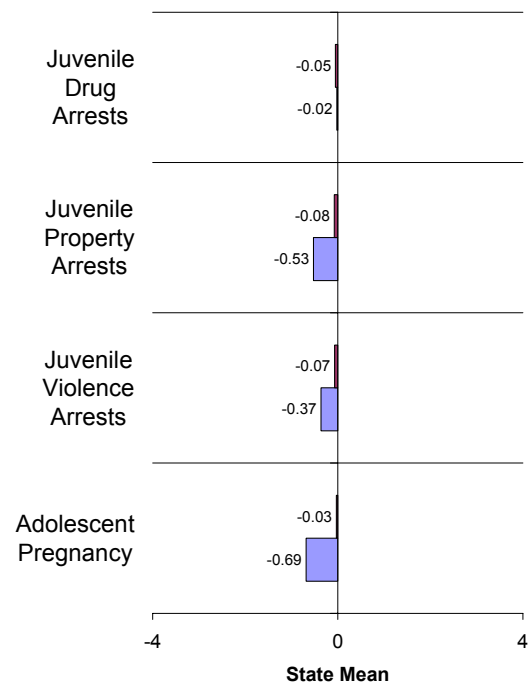
Risk Factor Scores



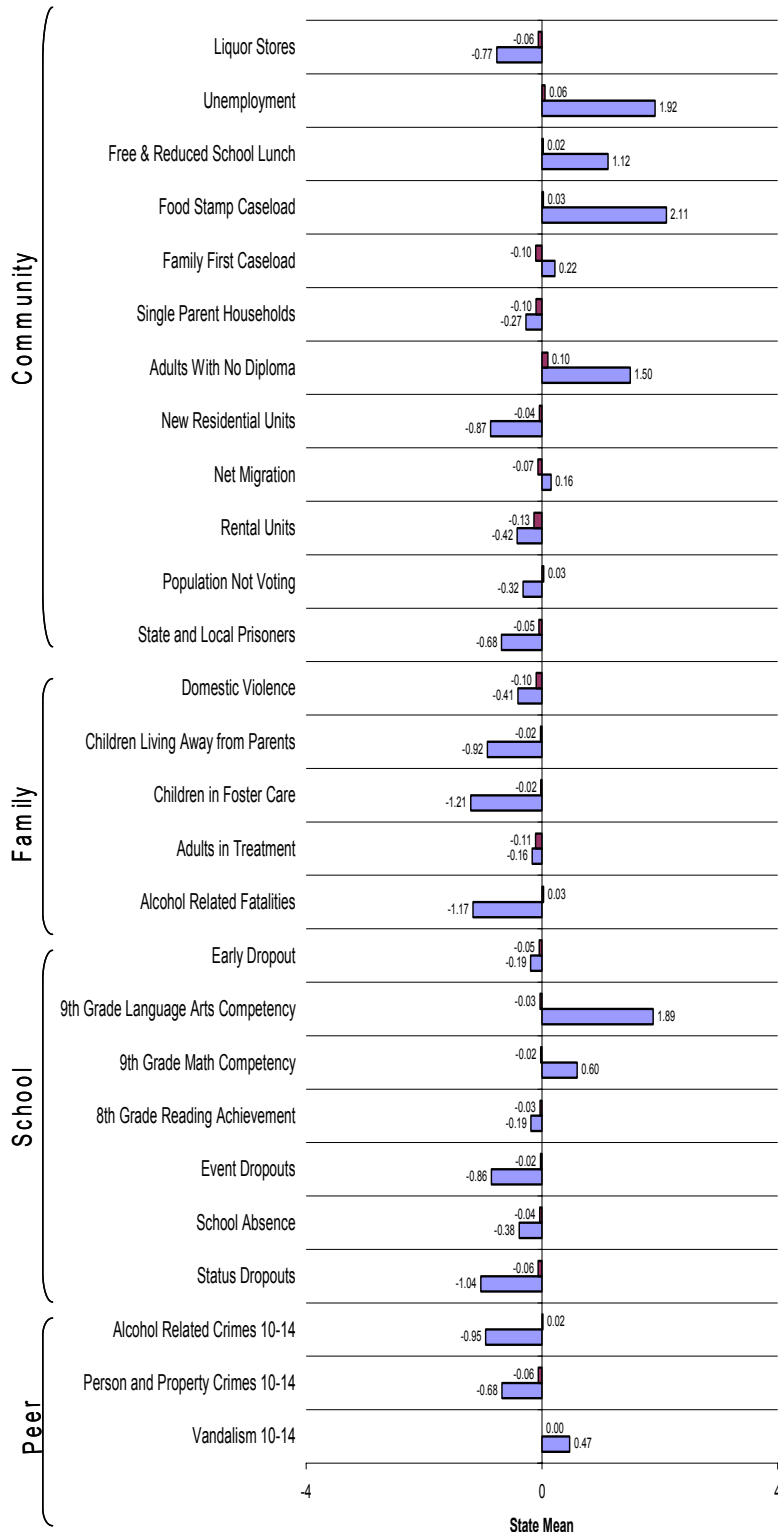
- Fentress County's School risk factor score was average for a non-metro county. The remaining risk factor scores were low.

- Fentress County's juvenile drug arrest rate was average for a non-metro county. Otherwise, Fentress County's problem behavior rates were low.

Problem Behaviors



Social Indicator Variables

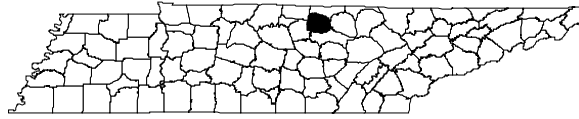


- Among Community variables, Fentress County's food stamp caseload was very high. The unemployment, free and reduced lunch and adults without diplomas rates were high. Family first caseload and net migration were slightly elevated.
- All of Fentress County's Family variables were average or below.
- Among School variables in Fentress County, performance in the 9th grade language arts competency test was poor and performance in the 9th grade math competency test was below average.
- Vandalism among 10-14 year olds in Fentress County was elevated. Other peer related crime rates were low.

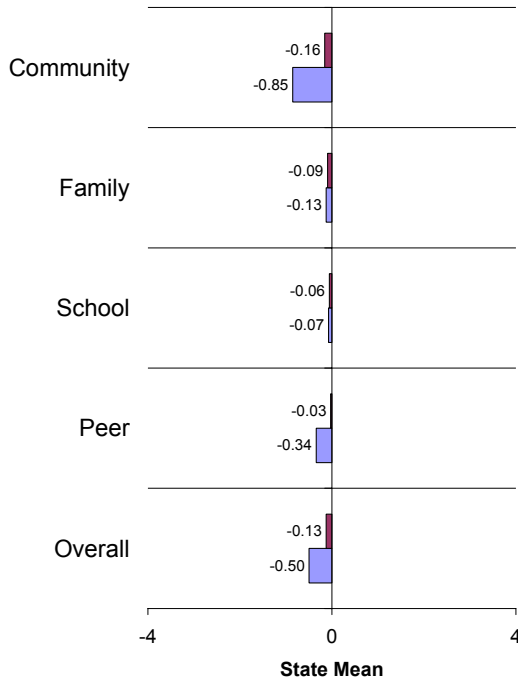
Jackson County

Pop. 10984

Non-Metro Counties ■
Jackson County ■



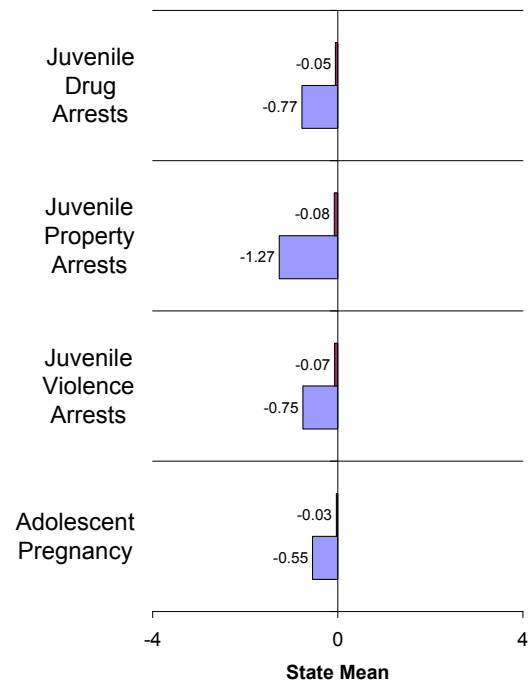
Risk Factor Scores



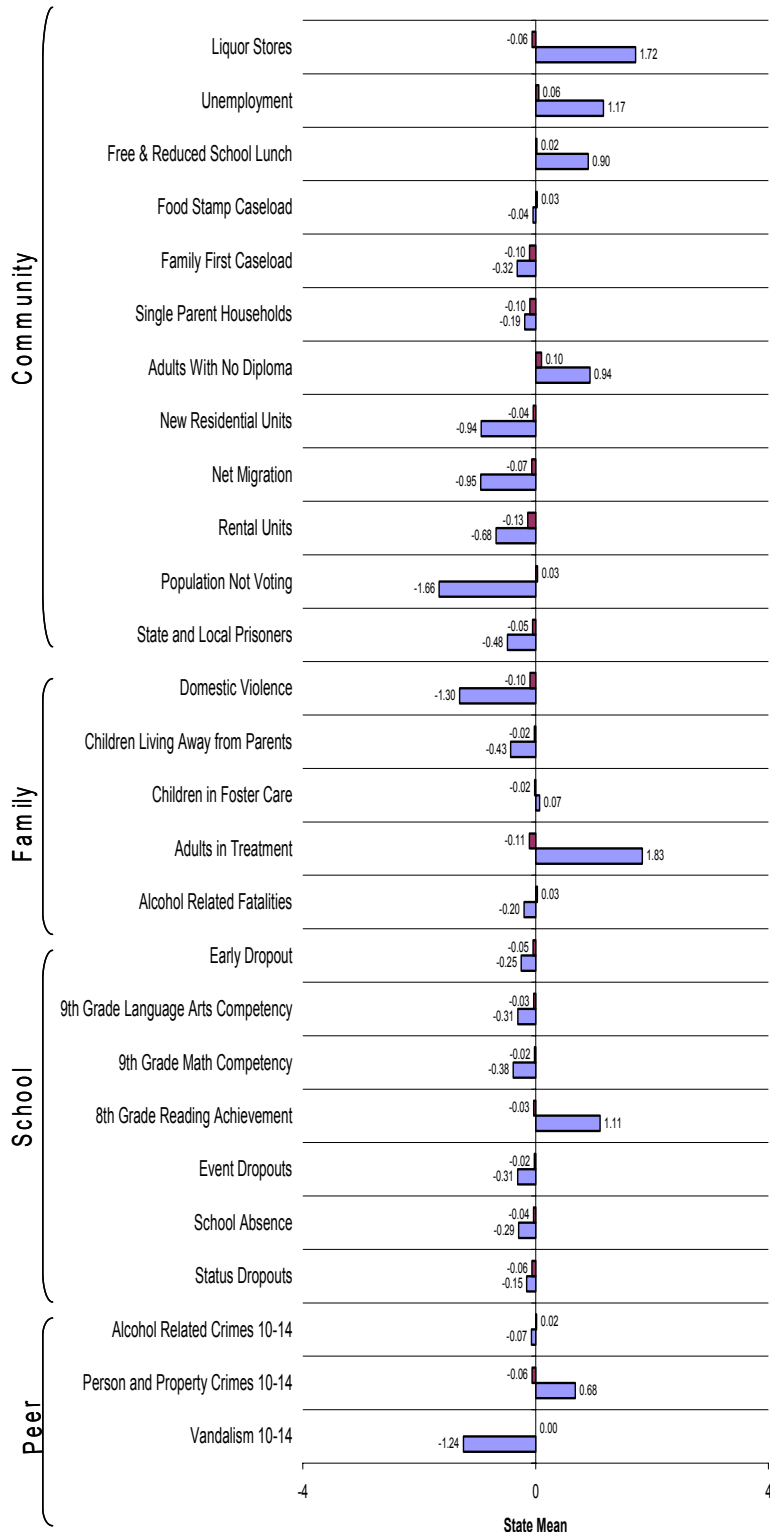
- Jackson County was low on all risk factor scores.

- Jackson County was low on all problem behavior rates.

Problem Behaviors



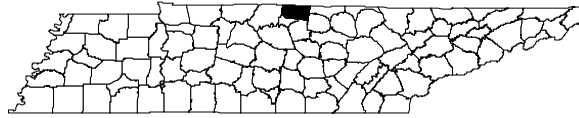
Social Indicator Variables



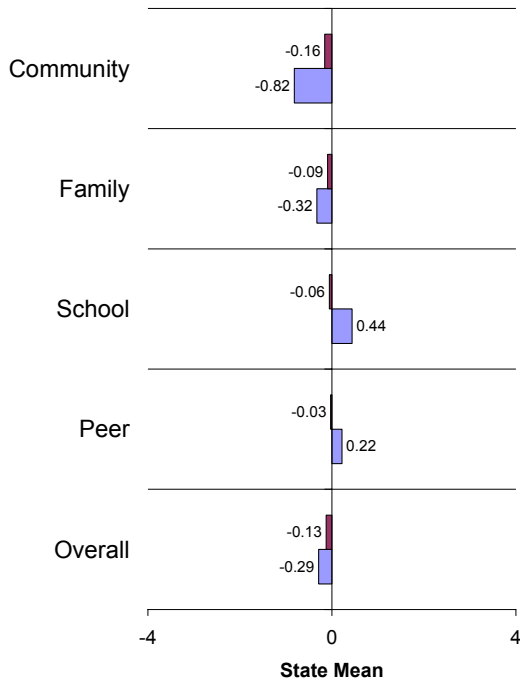
- Among Community variables, Jackson County's liquor store, unemployment, free and reduced lunch and adults without diplomas rates were high.
- Among Family variables in Jackson County, the adult treatment rate was high. All other Family variables were average or below.
- Among School variables in Jackson County, 8th grade reading achievement was poor.
- The person and property crime rate among 10-14 year olds in Jackson County was elevated.

Macon County Pop. 20386

Non-Metro Counties ■
Macon County ■



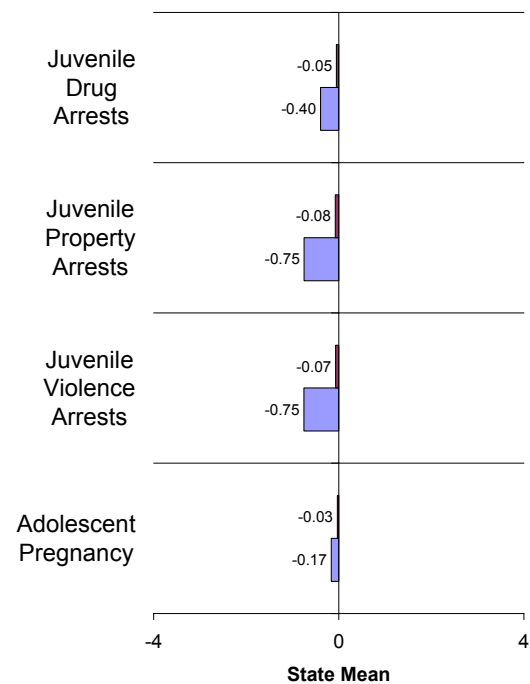
Risk Factor Scores



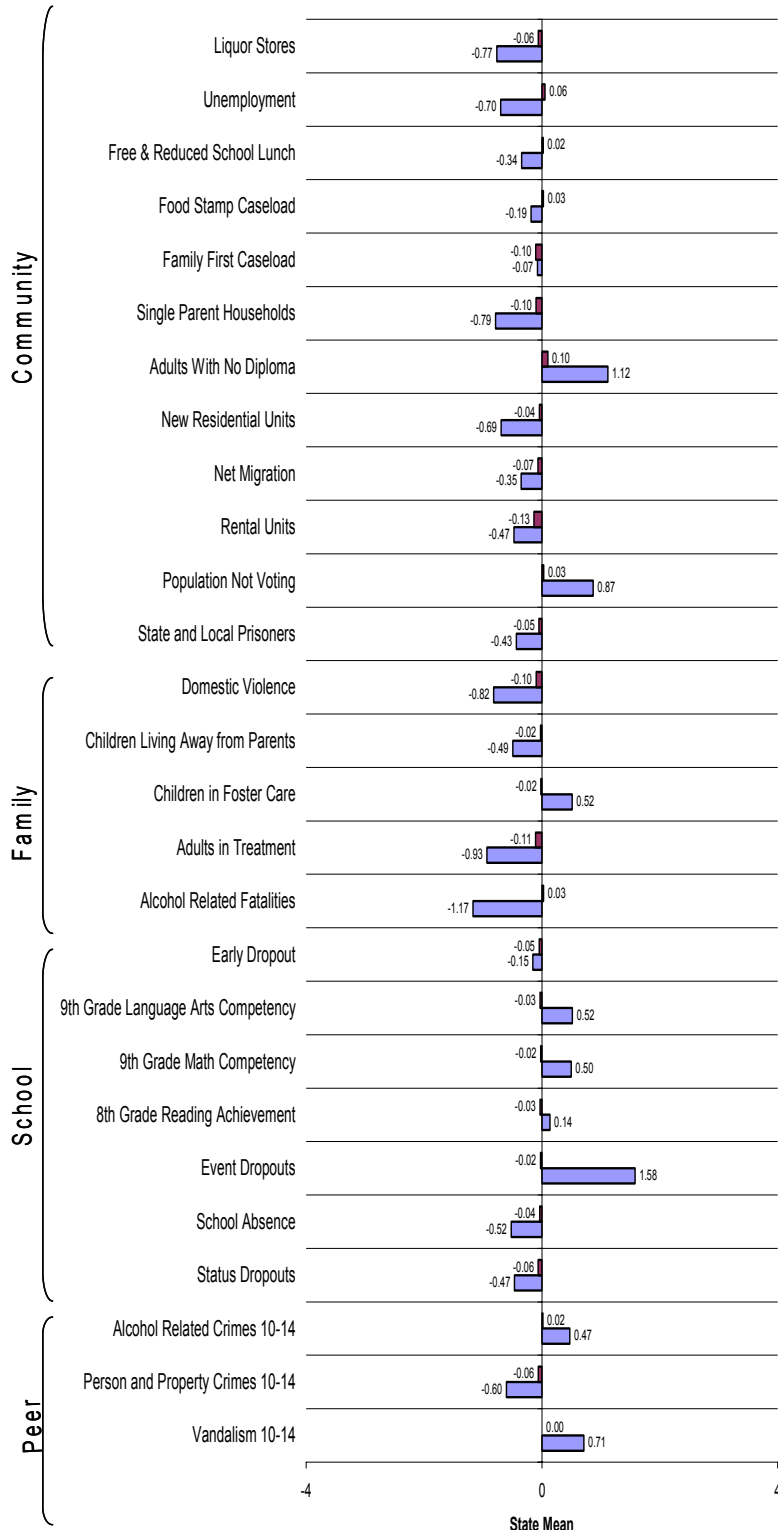
- Macon County's School and Peer risk factors were elevated.

- Macon County was low on all problem behavior rates.

Problem Behaviors



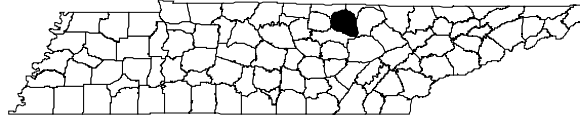
Social Indicator Variables



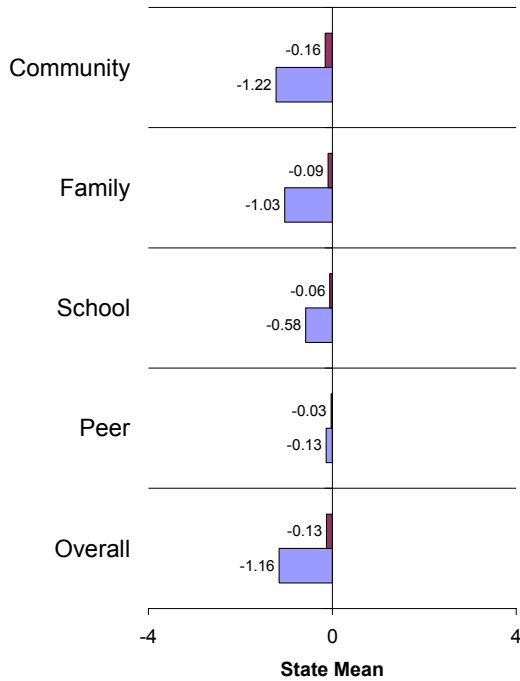
- Among Community variables, Macon County's adults without diplomas and nonvoting rates were high.
- Among Family variables, Macon County's foster care rate was elevated. All other Family variables were average or below.
- Among School variables in Macon County, performance in the 9th grade language arts and math competency tests was below average and the event dropout rate was high.
- Alcohol related crimes and vandalism among 10-14 year olds in Macon County were elevated.

Overton County Pop. 20118

Non-Metro Counties ■
Overton County ■



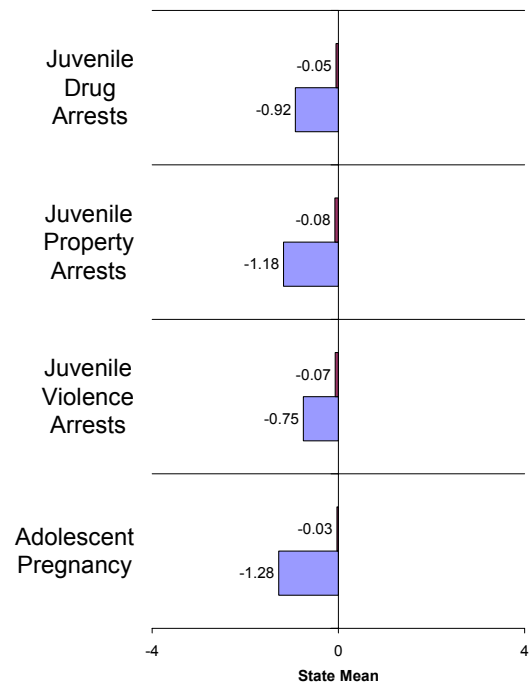
Risk Factor Scores



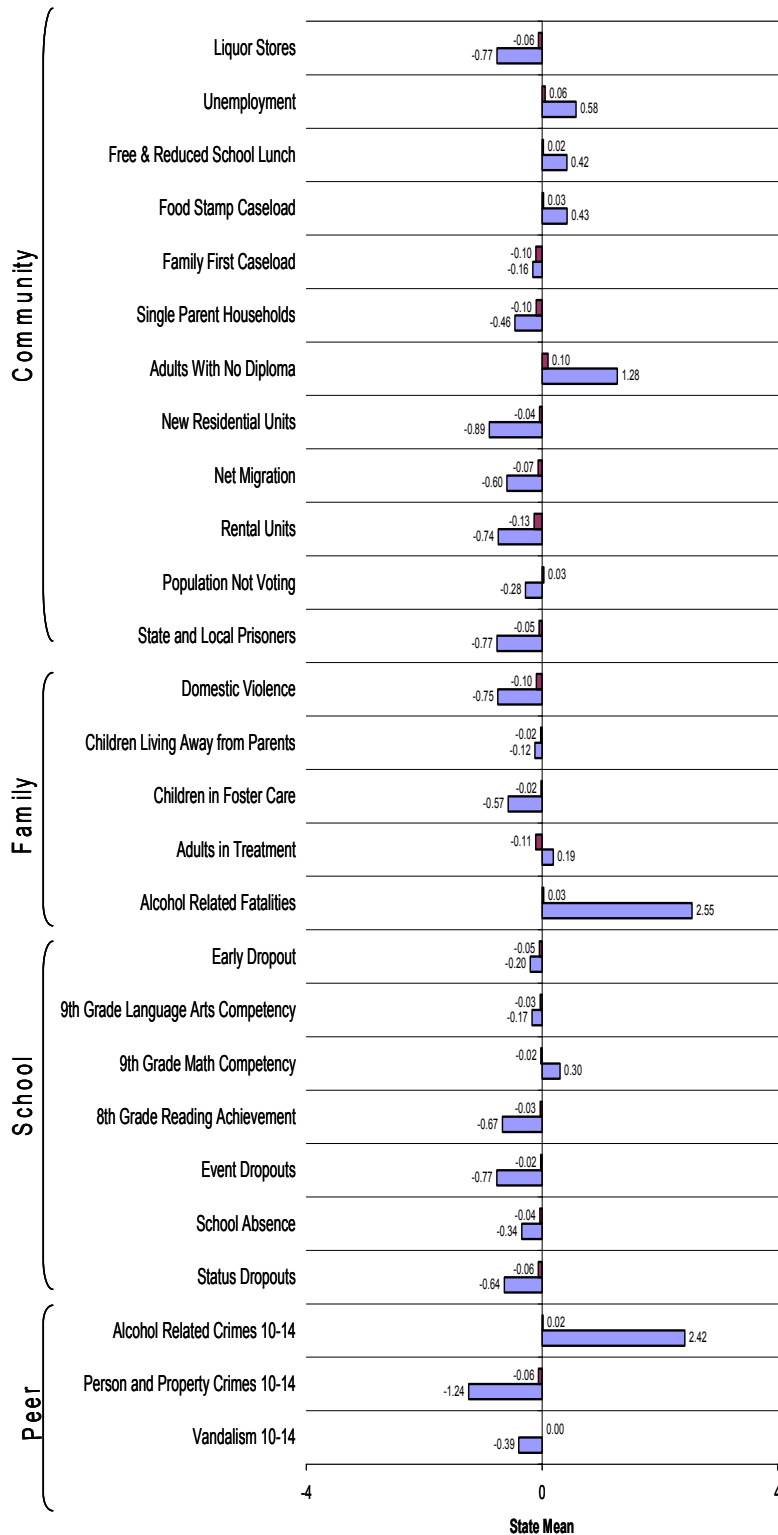
- Overton County's risk factor scores were average or below.

- Overton County's problem behavior rates were low.

Problem Behaviors



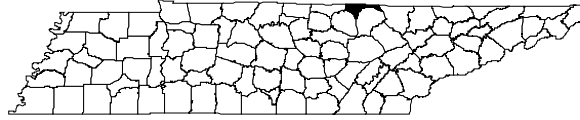
Social Indicator Variables



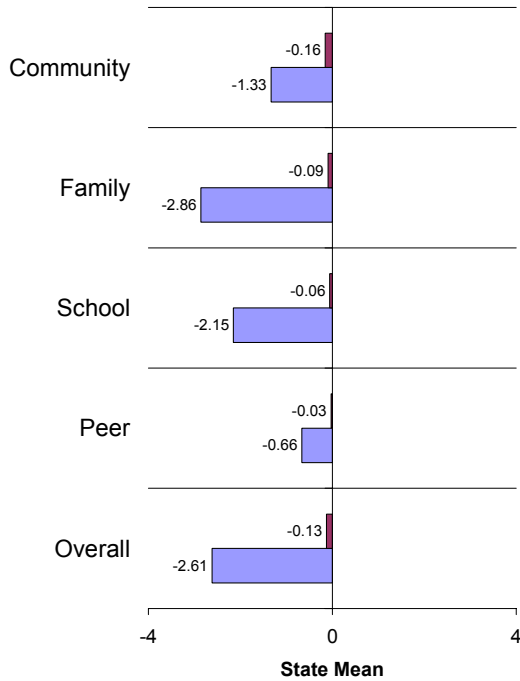
- Among Community variables, Overton County's adults without diplomas rate was high. The unemployment, free and reduced school lunch, and food stamp caseload rates were elevated.
- Among Family variables, Overton County's alcohol related fatality rate was very high and the adult treatment rate was elevated.
- Among School variables, Overton County's performance in the 9th grade math competency test was below average.
- The alcohol related crime rate among 10-14 year olds in Overton County was very high.

Pickett County Pop. 4945

Non-Metro Counties ■
Pickett County ■



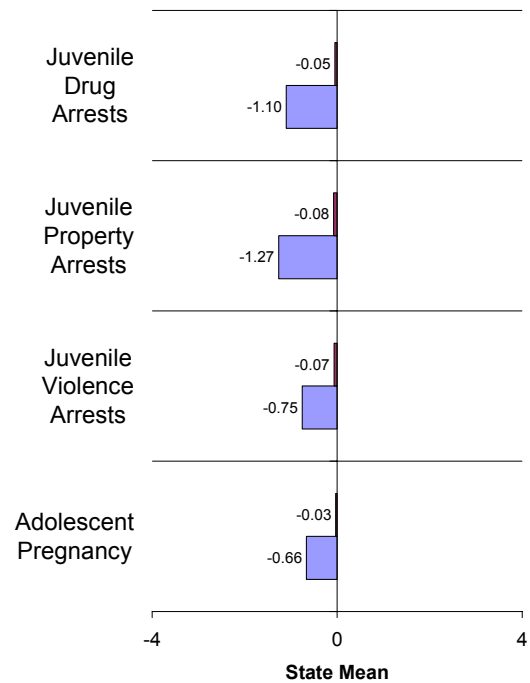
Risk Factor Scores



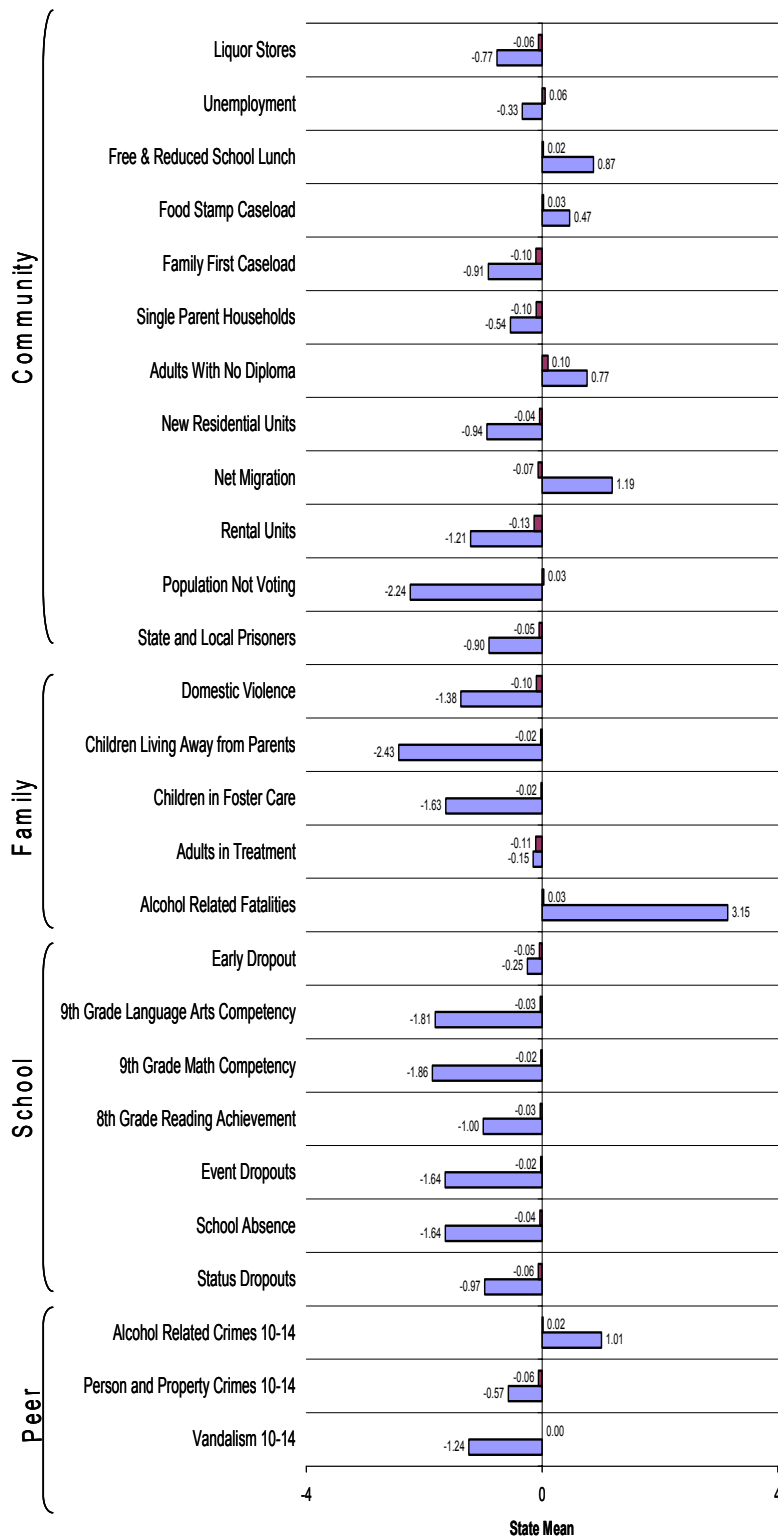
- Pickett County was low on all risk factors and very low on the Family, School, and Peer risk factors.

- Pickett County was low on all problem behavior rates.

Problem Behaviors



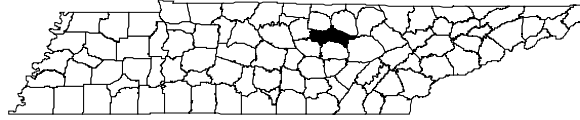
Social Indicator Variables



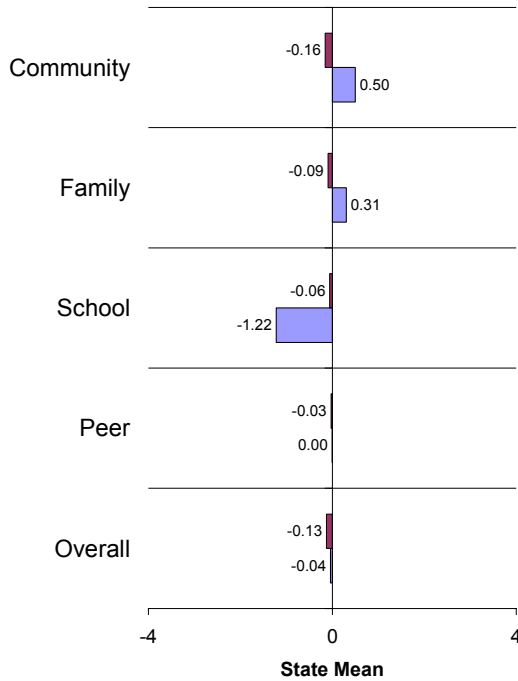
- Among Community variables, Pickett County's free and reduced school lunch and net migration rates were high. The food stamp caseload and adults without diplomas rates were elevated.
- Among Family variables, Pickett County's alcohol related fatality rate was extremely high.
- All of Pickett County's School variables were low. Performance in the 9th grade competency and 8th grade achievement tests was exceptional.
- The alcohol related crime rate among 10-14 year olds in Pickett County was elevated.

Putnam County Pop. 62315

Non-Metro Counties ■
Putnam County ■



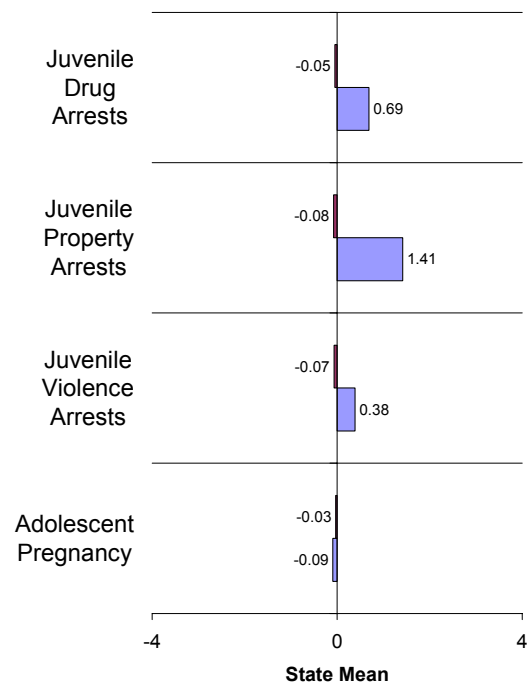
Risk Factor Scores



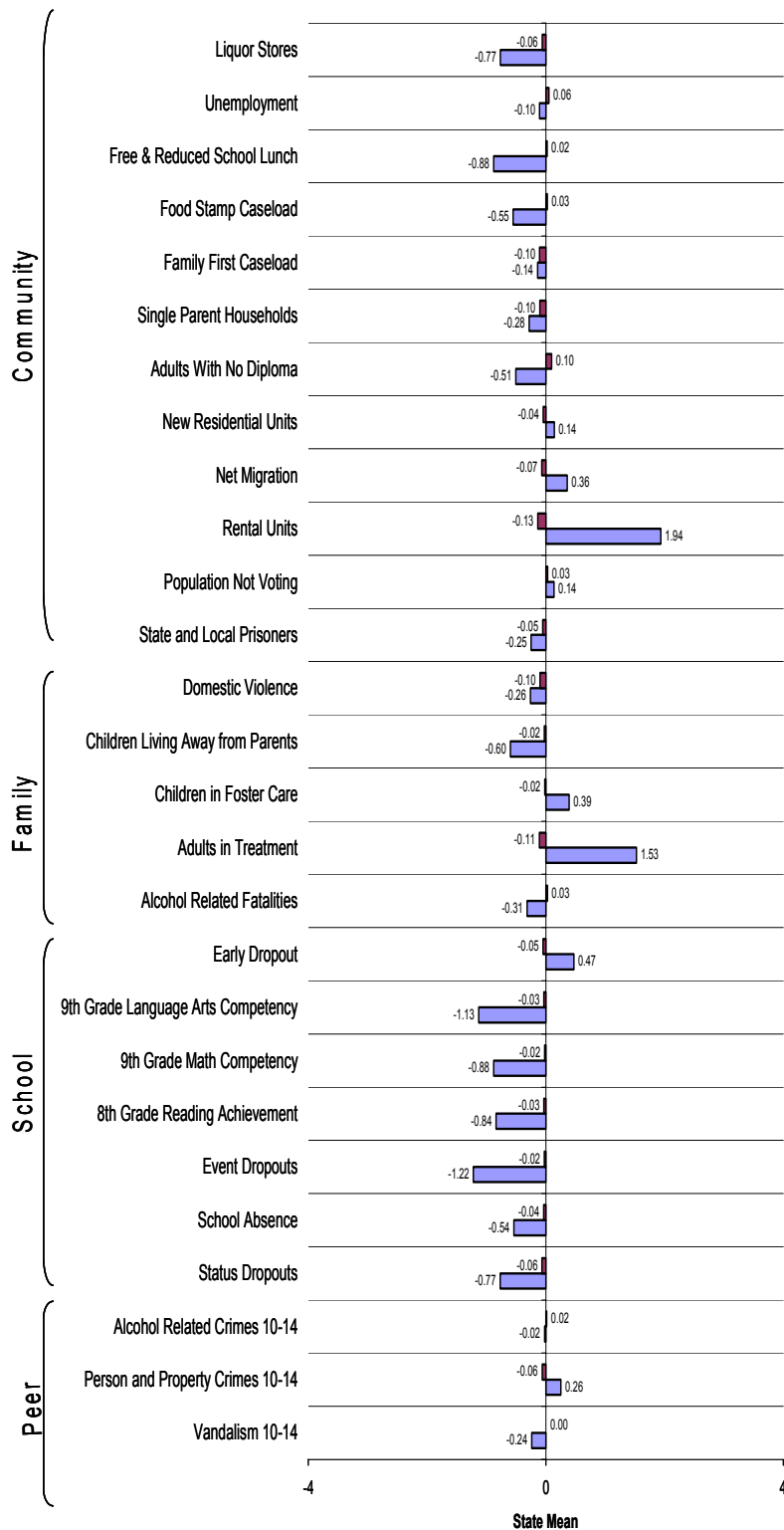
- Putnam County's Community and Family risk factor scores were elevated.

- Putnam County's juvenile arrest rate for property crimes was high and juvenile arrests for drug and violent crimes were elevated.

Problem Behaviors



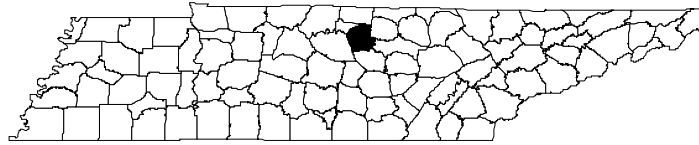
Social Indicator Variables



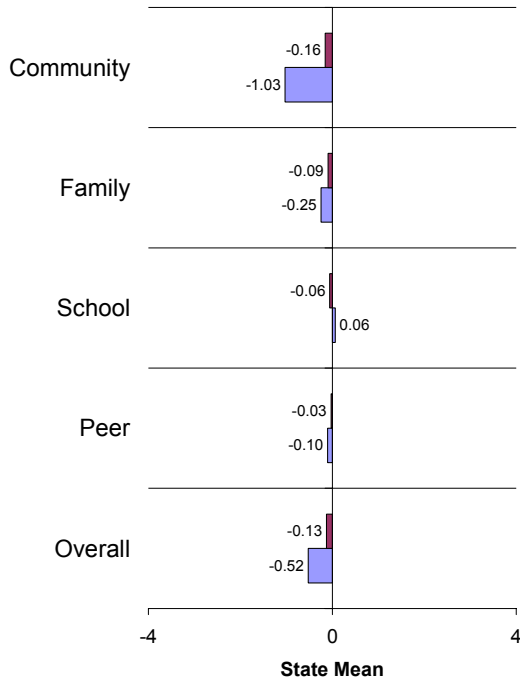
- Among Community variables, Putnam County's rental unit rate was high. The net migration rate was elevated and the new residential unit rate was slightly elevated.
- Among Family variables, Putnam County's adult treatment rate was high and the foster care rate was elevated.
- Among School variables, Putnam County's early dropout rate was elevated. Otherwise, school variables were low.
- The person and property crime rate among 10-14 year olds in Putnam County was elevated.

Smith County Pop. 17712

Non-Metro Counties ■
Smith County ■



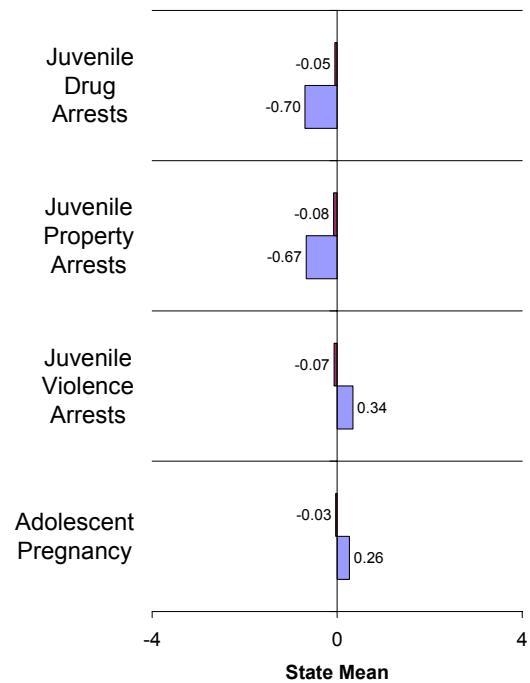
Risk Factor Scores



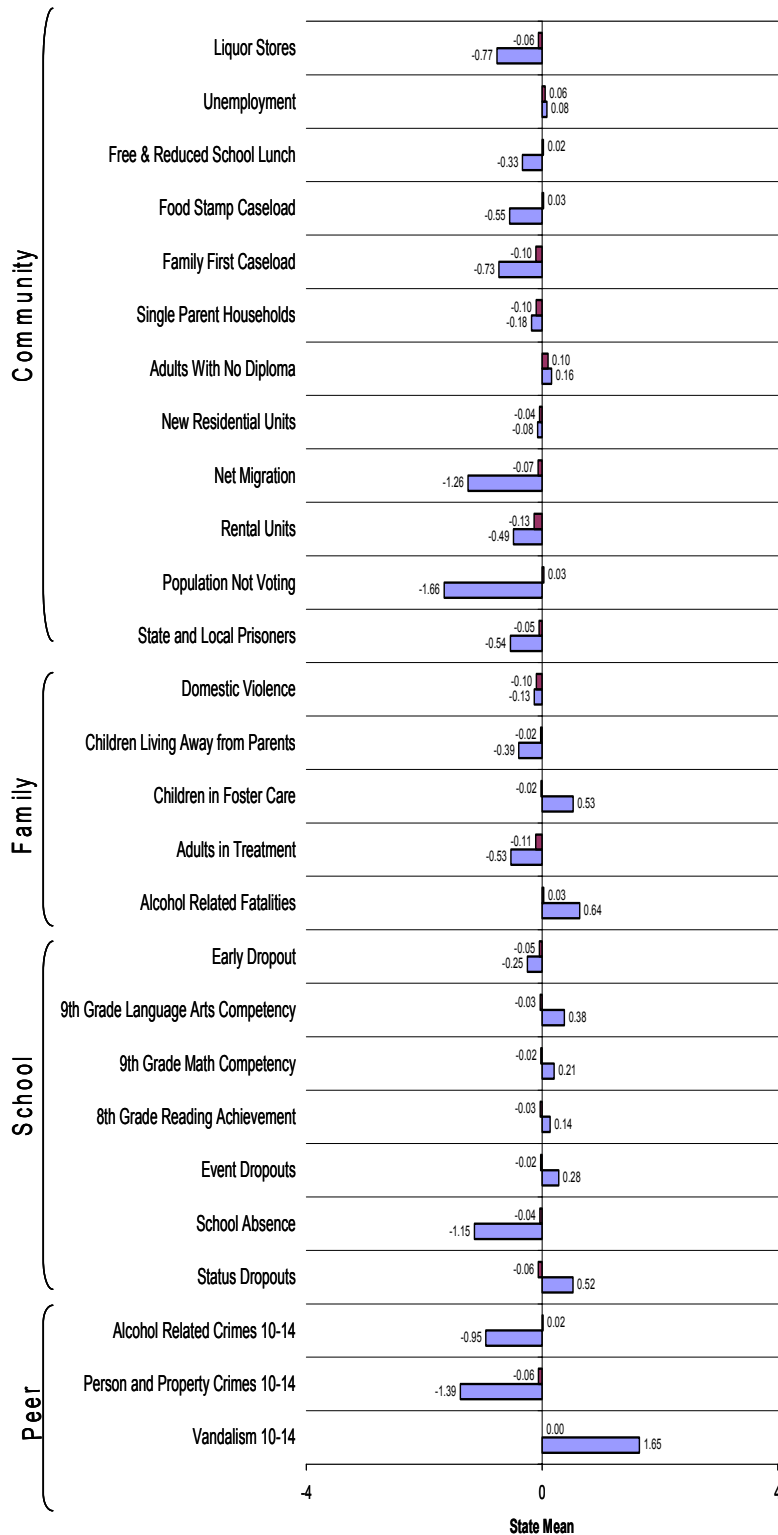
- Smith County was average or below on all risk factor scores.

- Juvenile arrests for violent crimes and adolescent pregnancies were elevated in Smith County.

Problem Behaviors



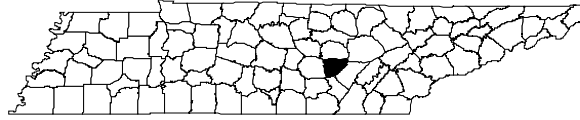
Social Indicator Variables



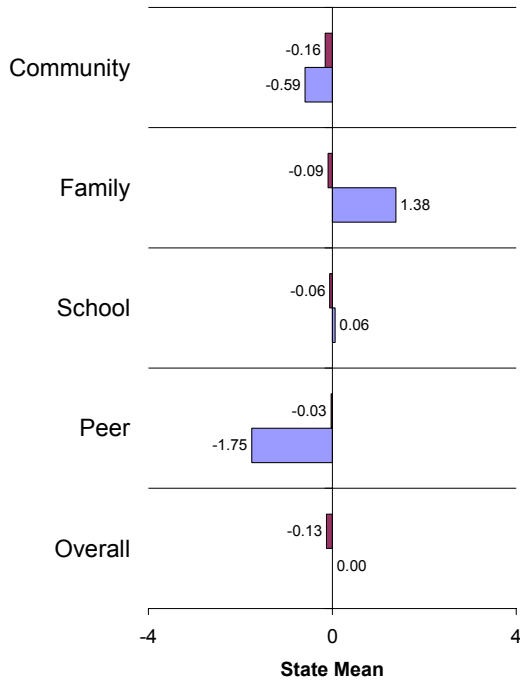
- All of Smith County's Community variables were average to low.
- Among Family variables, Smith County's foster care and alcohol related fatality rates were elevated.
- Among School variables in Smith County, performance on the 9th grade competency tests was below average. Event and status dropout rates were also elevated.
- The vandalism rate among 10-14 year olds in Smith County was high.

Van Buren County Pop. 5508

Non-Metro Counties ■
Van Buren County ■



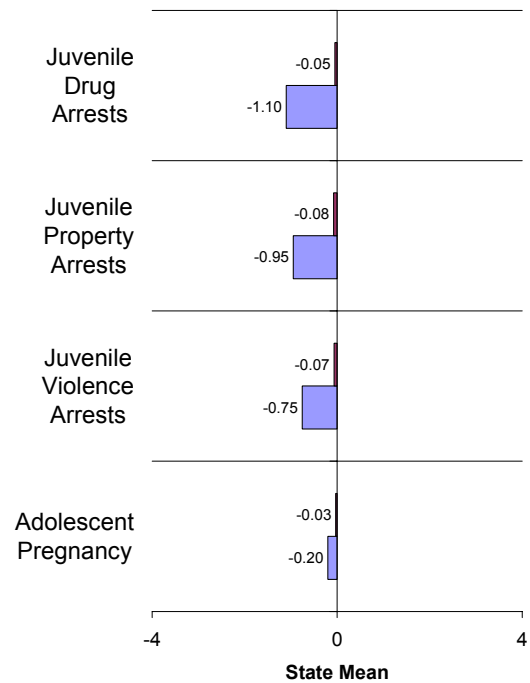
Risk Factor Scores



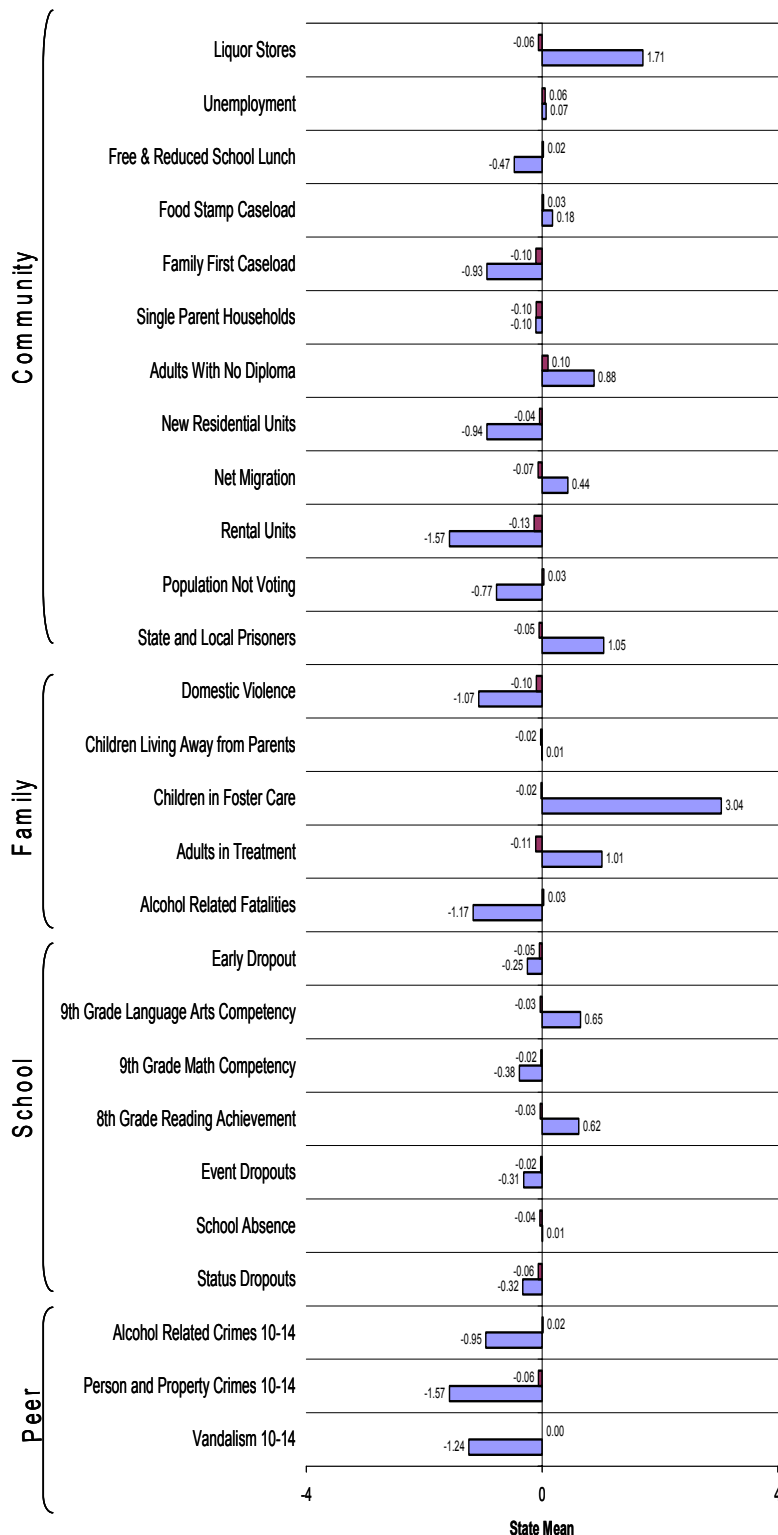
- Van Buren County's Family risk factor score was high.

- Van Buren County was low on all problem behavior rates.

Problem Behaviors



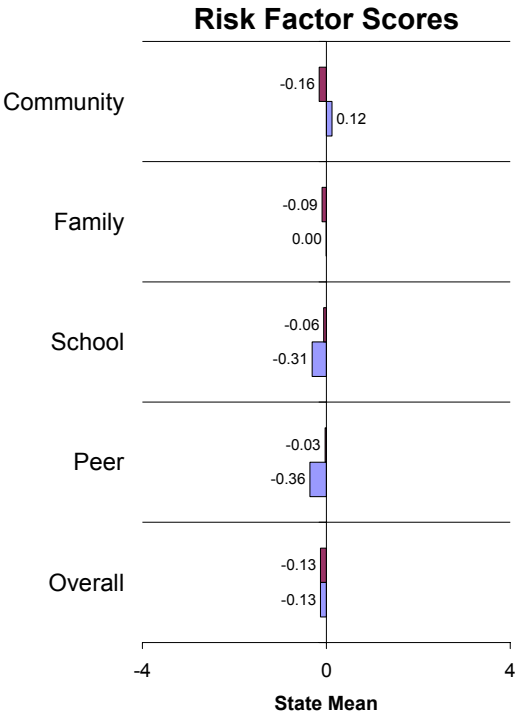
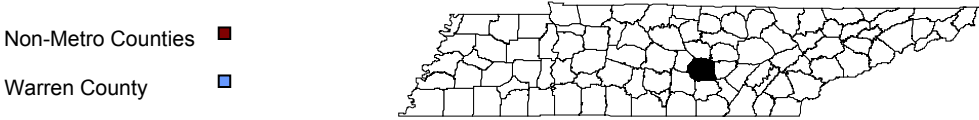
Social Indicator Variables



- Among Community variables, Van Buren County's liquor store, adults without diplomas, and state and local prisoner rates were high. The net migration rate was elevated
- Among Family variables, Van Buren County's foster care rate was extremely high and the adult treatment rate was high.
- Among School variables in Van Buren County, performance in the 9th grade language arts competency and 8th grade reading achievement tests was below average.
- Peer related crime rates among 10-14 year olds in Van Buren County were low.

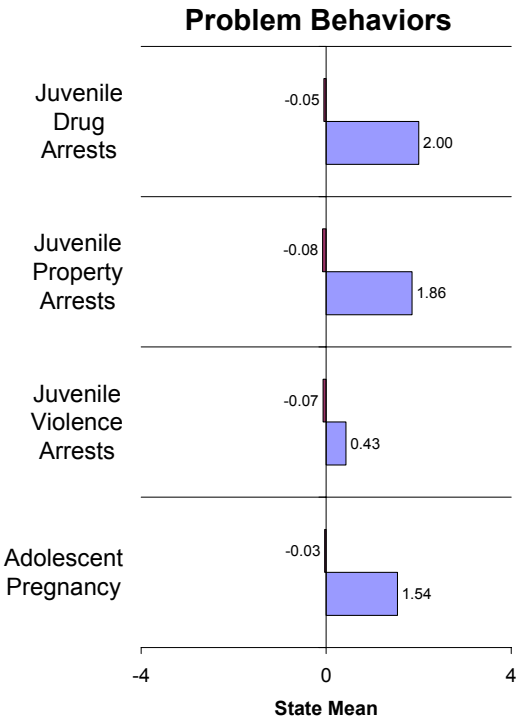
Warren County

Pop. 38276

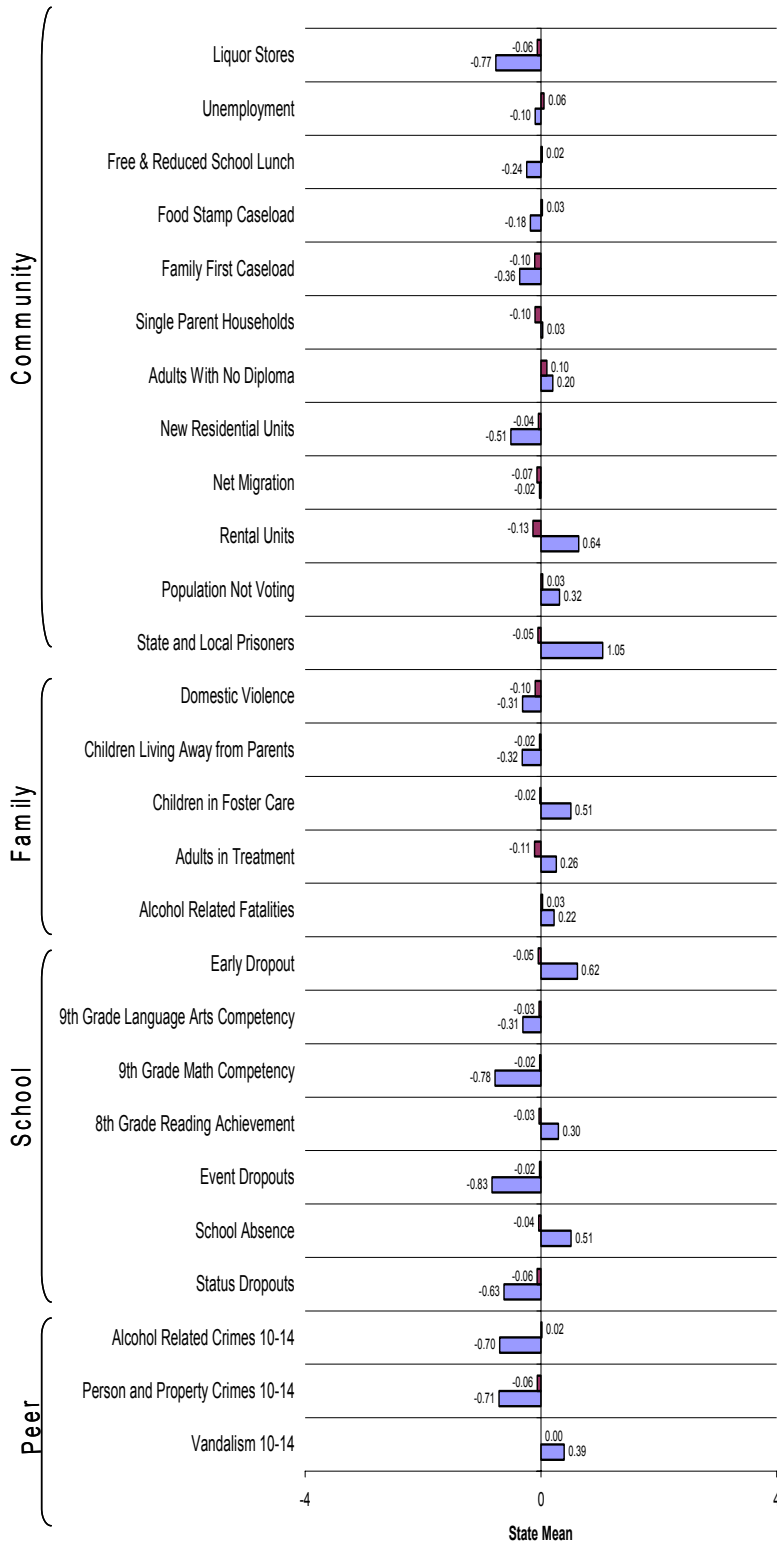


- Warren County’s Community risk factor score was slightly elevated.

- Juvenile drug arrests in Warren County were very high. Juvenile property crime arrests and adolescent pregnancies were high and juvenile arrests for violent crimes were elevated.



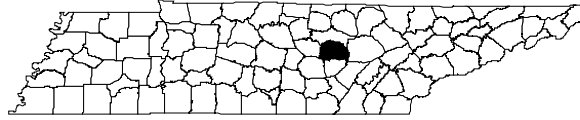
Social Indicator Variables



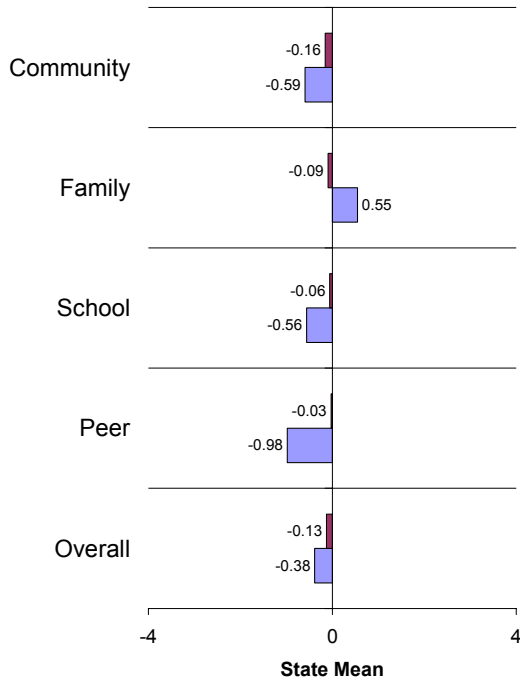
- Among Community variables, Warren County's state and local prisoner rate was high. The rental unit and nonvoting population rates were elevated.
- Among Family variables, Warren County's foster care and adult treatment rates were elevated and alcohol related fatalities were slightly elevated.
- Warren County's performance in the 8th grade reading achievement test was below average. The early dropout rate and absenteeism were elevated.
- Vandalism among 10-14 year olds in Warren County was elevated.

White County Pop. 23102

Non-Metro Counties ■
White County ■



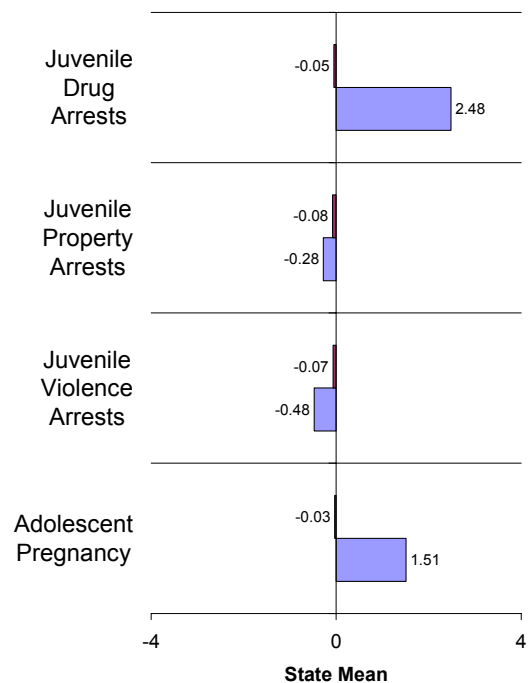
Risk Factor Scores



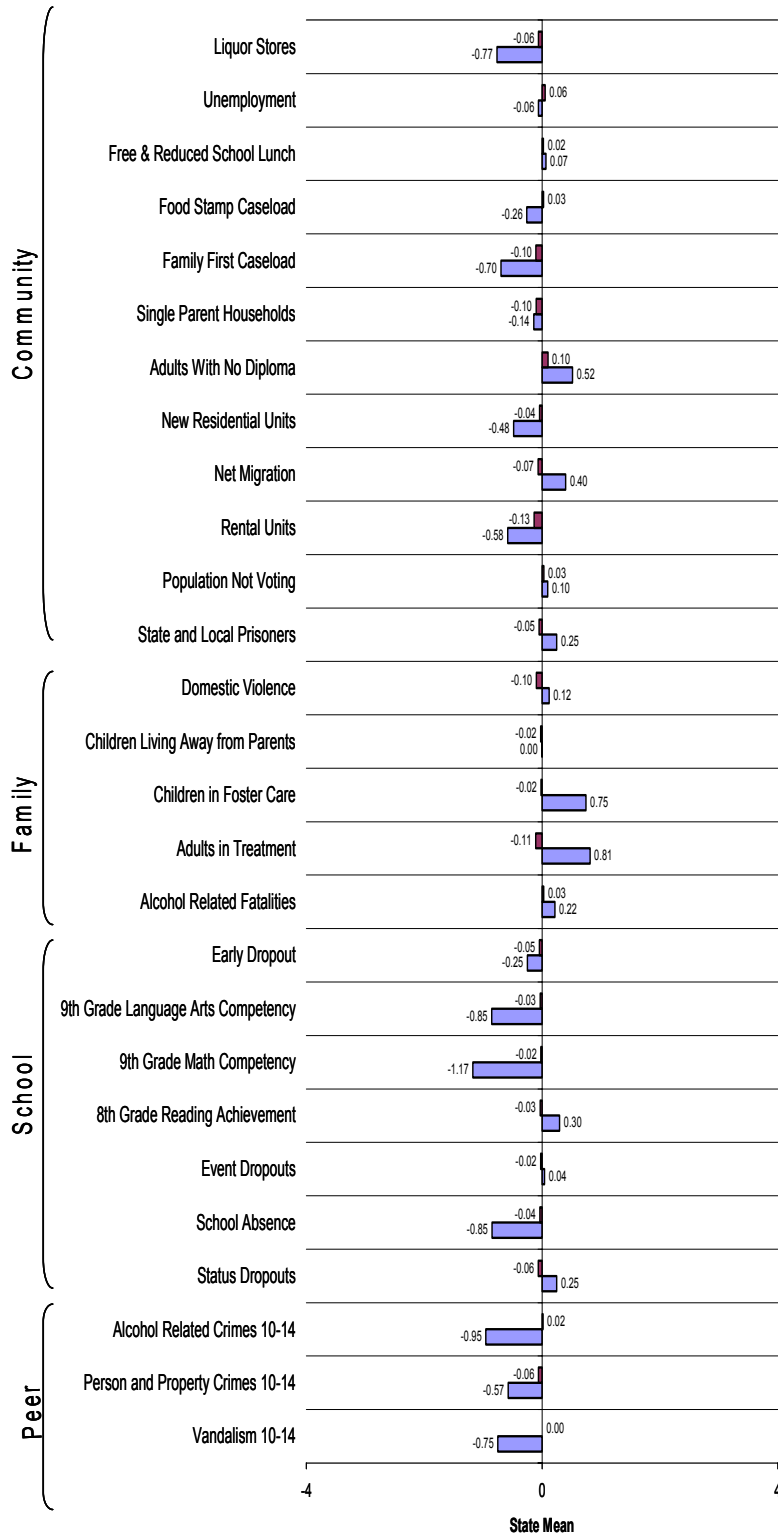
- White County's Family risk factor score was elevated. Otherwise, White County's risk factor scores were low.

- Juvenile drug arrests were very high in White County and adolescent pregnancies were high. Otherwise, problem behavior rates were low.

Problem Behaviors



Social Indicator Variables



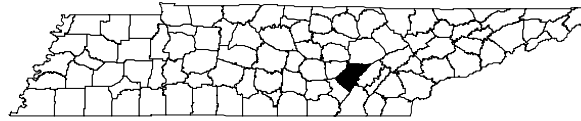
- Among Community variables, White County's adults without diplomas, net migration, and state and local prisoners rates were elevated.
- Among Family variables, White County's adult treatment rate was high. Children in foster care and alcohol related fatalities were elevated.
- Performance on the 8th grade reading achievement test in White County was below average and the status dropout rate was elevated.
- Peer related crime rates among 10-14 year olds in White County were low.

Southeast Region

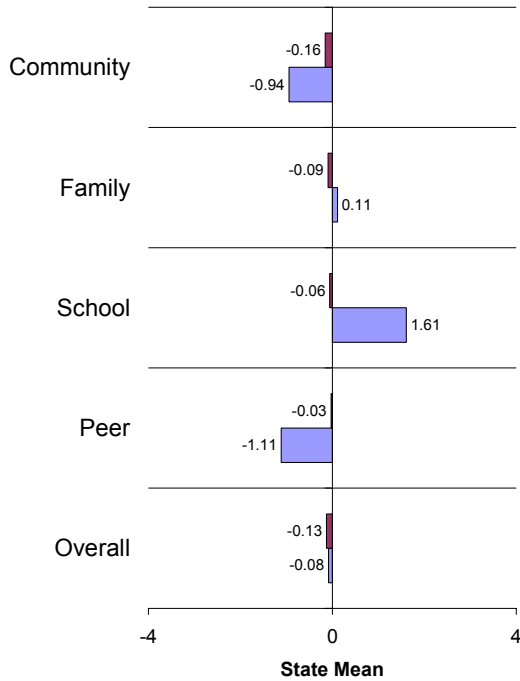
Bledsoe County

Pop. 12367

Non-Metro Counties ■
Bledsoe County ■



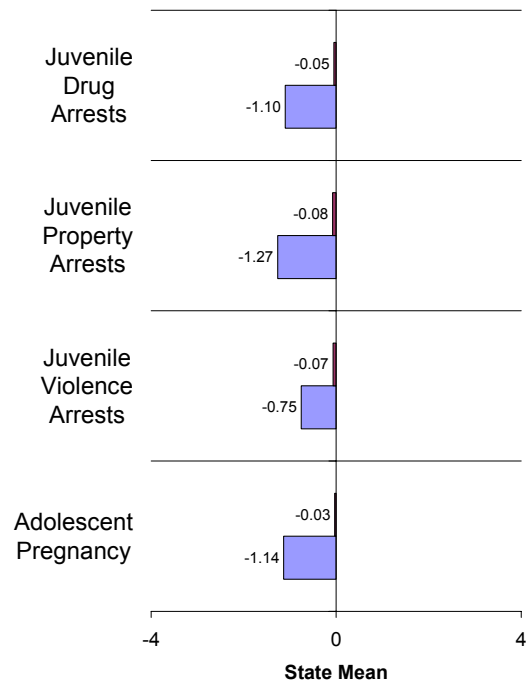
Risk Factor Scores



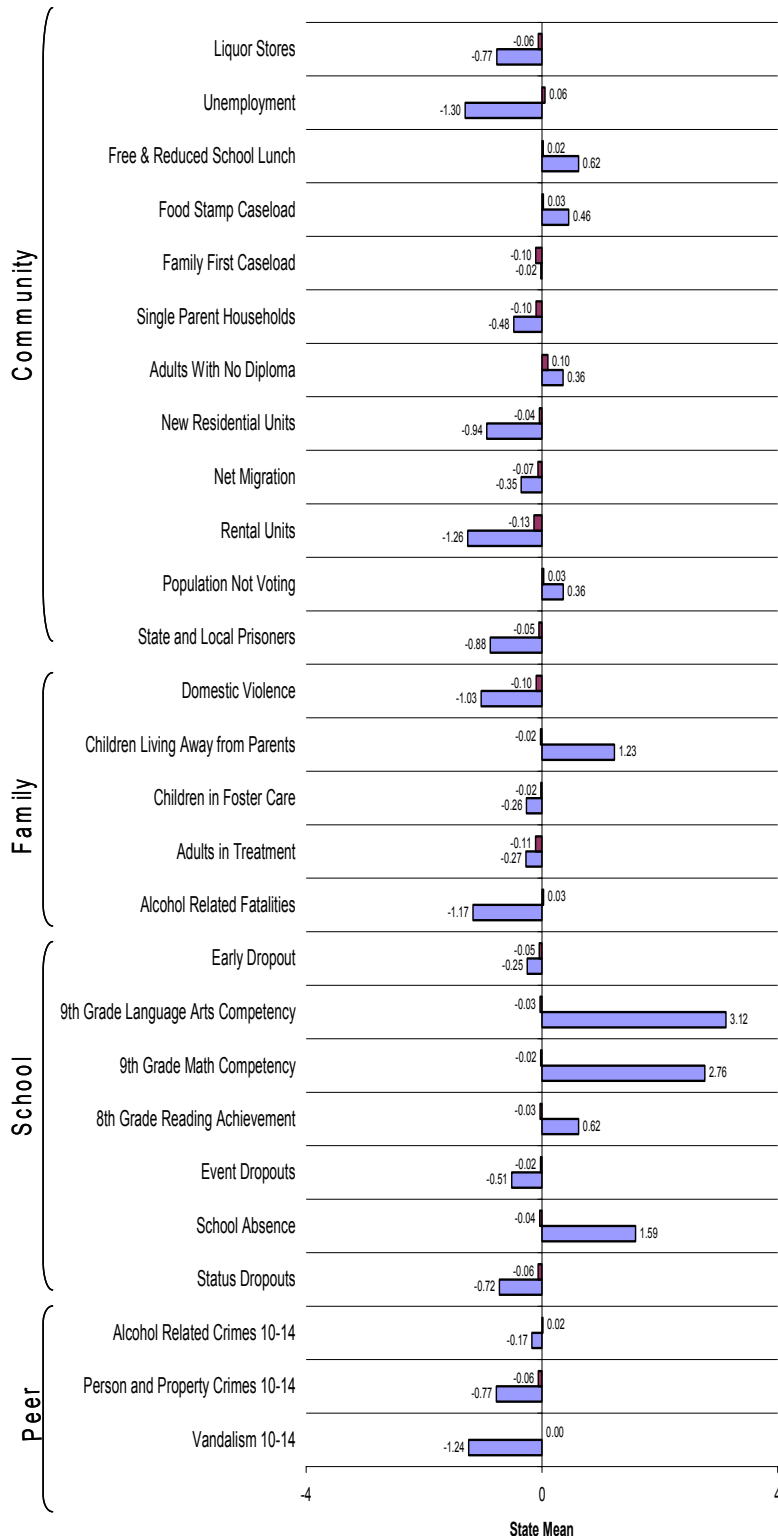
- Bledsoe County's School risk factor score was high and the Family risk factor score was slightly elevated.

- Bledsoe County was low on all problem behavior rates.

Problem Behaviors



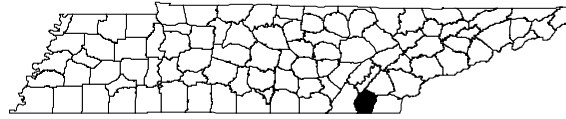
Social Indicator Variables



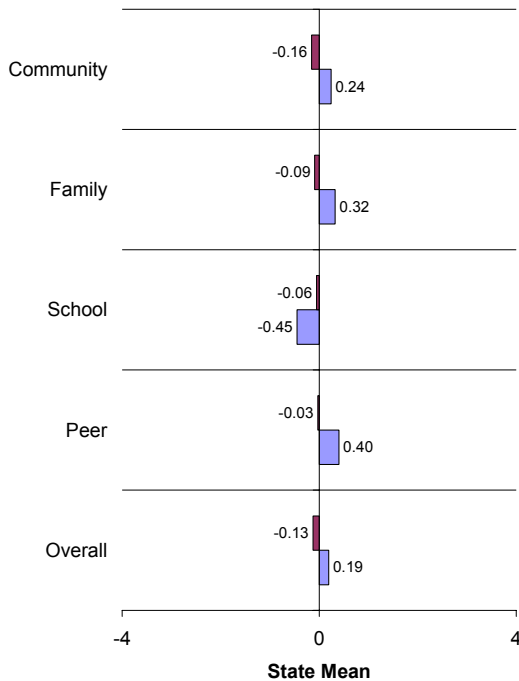
- Among Community variables, Bledsoe County's free and reduced lunch, food stamp cases, adults without diplomas, and nonvoting population rates were all elevated.
- Among Family variables, the rate of children living away from parents in Bledsoe County was high.
- Among Bledsoe County's School variables, performance on the 9th grade competency tests was poor. Absenteeism was high, and 8th grade reading achievement was less than expected.
- Peer related crime rates among 10-14 year olds in Bledsoe County were less than in other non-metro counties.

Bradley County Pop. 87965

Non-Metro Counties ■
Bradley County ■



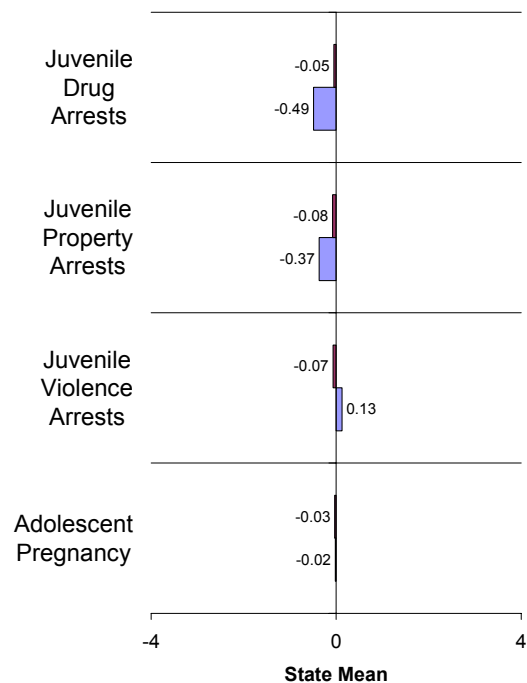
Risk Factor Scores



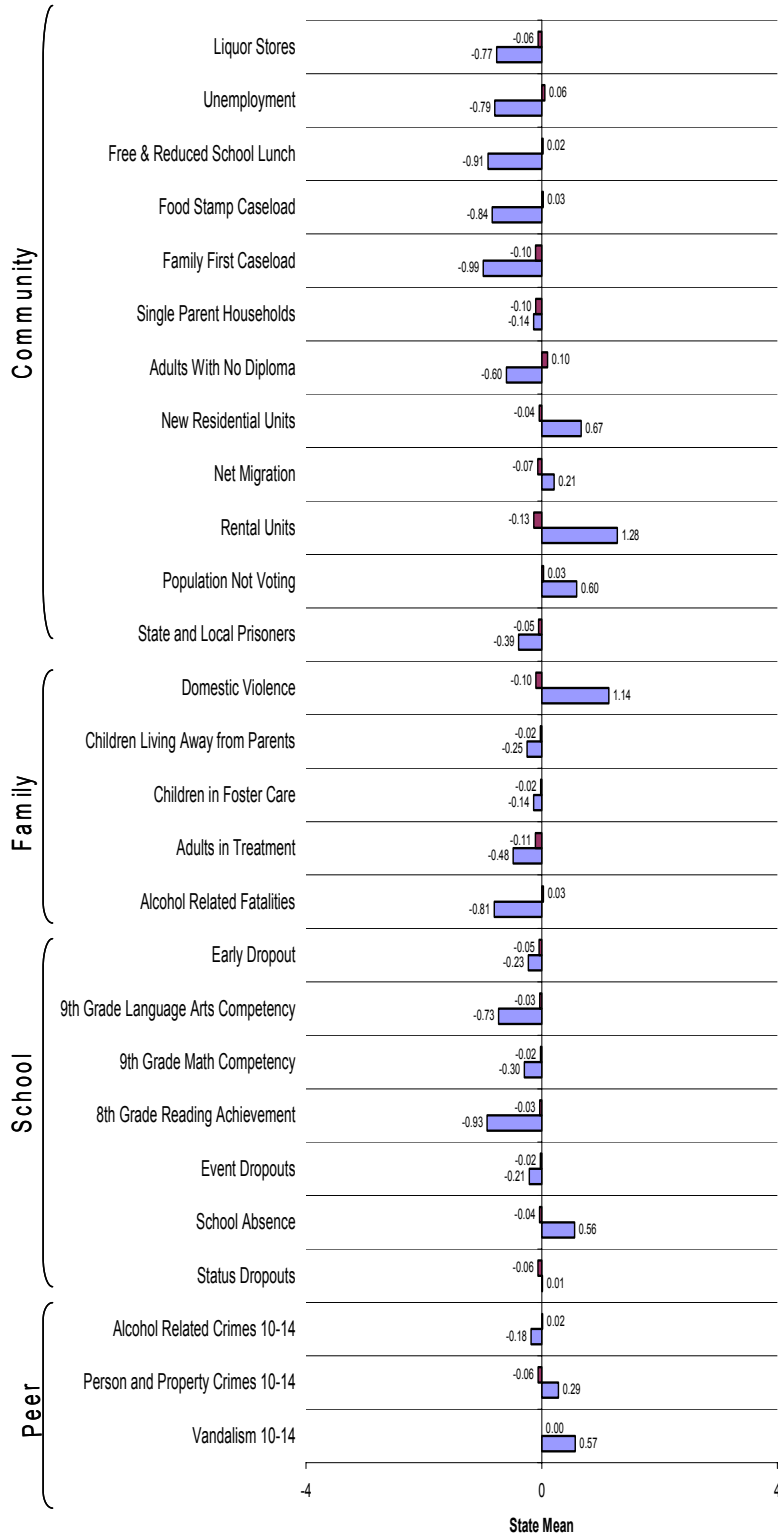
- Bradley County's Community, Family, Peer, and Overall risk factor scores were all elevated relative to other non-metro counties.

- Bradley County's juvenile violence arrest rate was slightly elevated. Otherwise, Bradley County's problem behavior rates were average or below for a non-metro county.

Problem Behaviors



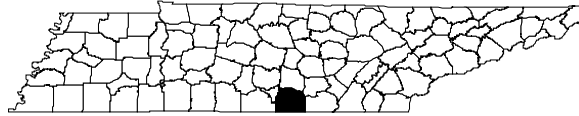
Social Indicator Variables



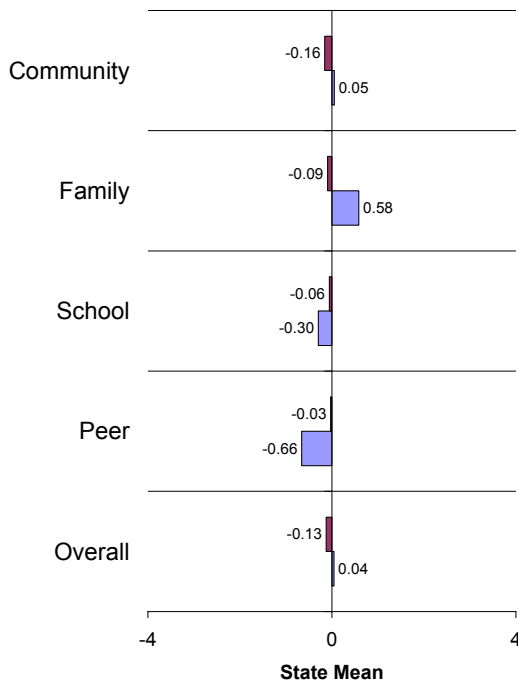
- Among Community variables, Bradley County's rental unit, new residential unit, and nonvoting population rates were moderately high to high. Net migration was also elevated.
- Among Family variables, Bradley County's domestic violence rate was high.
- Other than an elevated absenteeism rate, all of Bradley County's School related variables were average or low.
- Among Peer related variables, vandalism and person and property crime rates were elevated.

Franklin County Pop. 39270

Non-Metro Counties ■
Franklin County ■



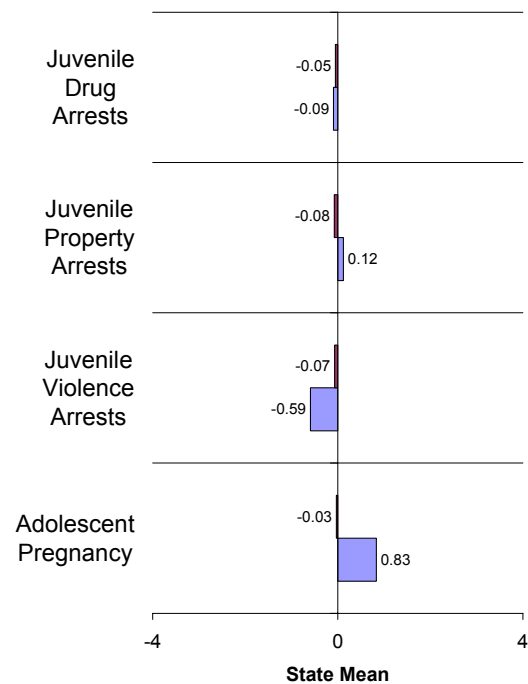
Risk Factor Scores



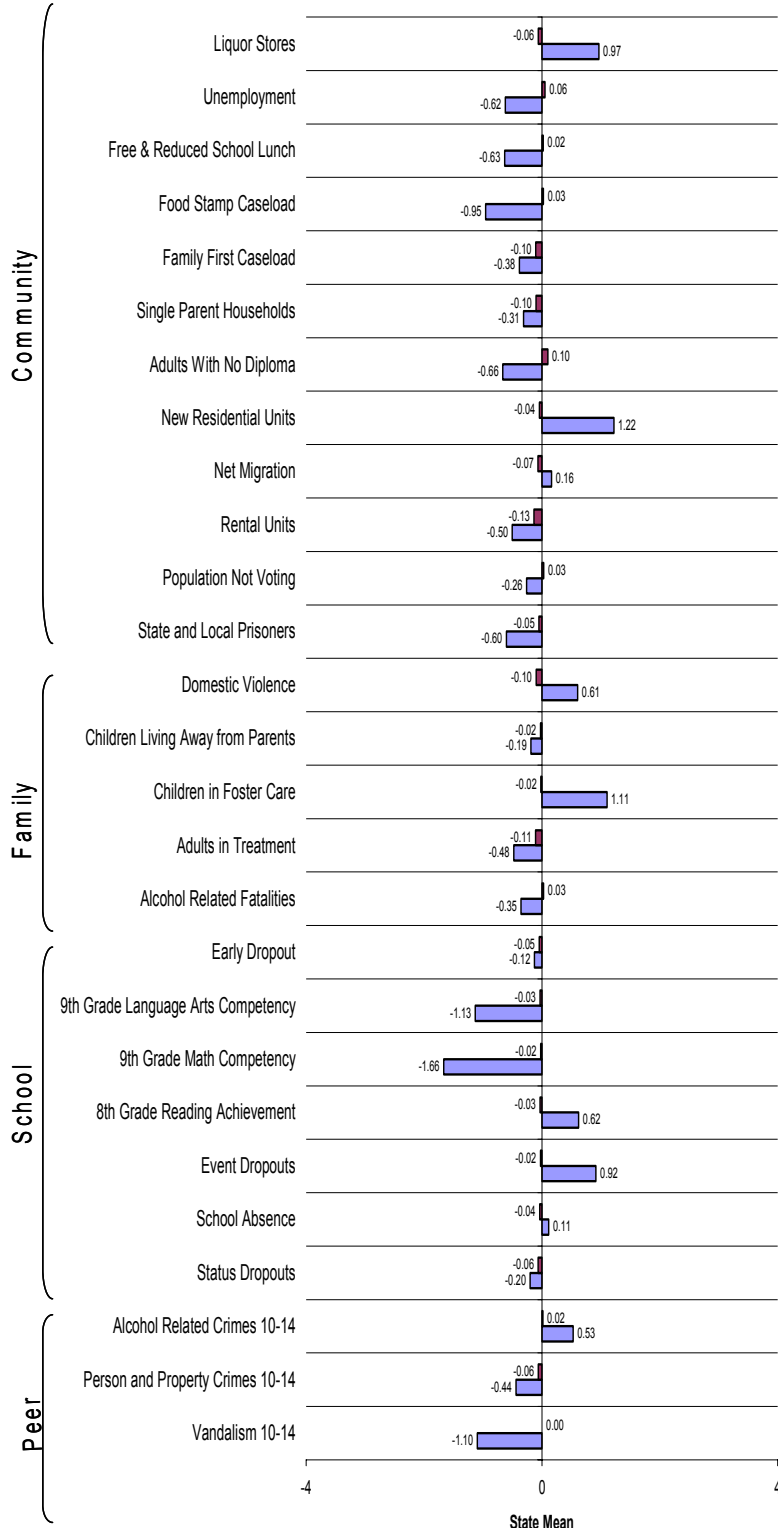
- Franklin County's juvenile property crime arrest rate was slightly elevated.
- The adolescent pregnancy rate in Franklin County was high.

- Franklin County's Family risk factor score was elevated and its Community risk factor score was slightly elevated. Otherwise Franklin County's risk factor scores were average or low.

Problem Behaviors



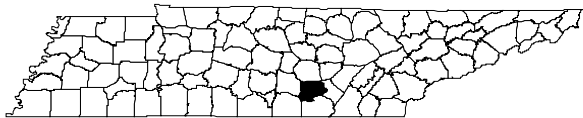
Social Indicator Variables



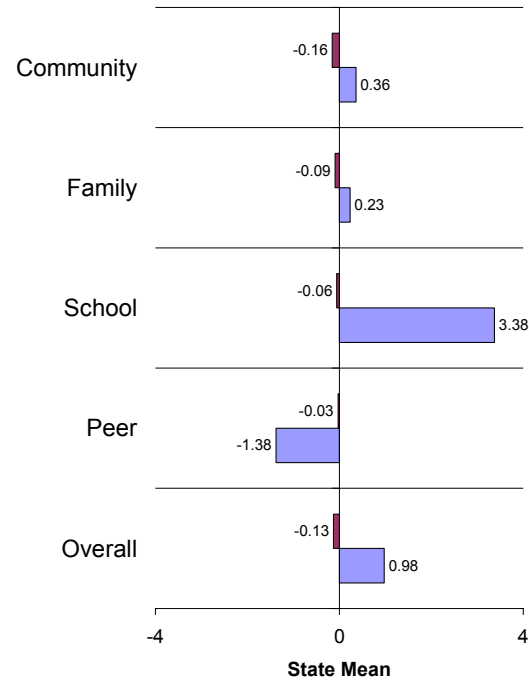
- Among Community variables, Franklin County's liquor store and new residential unit rates were high, and net migration was slightly elevated.
- Among Family variables, Franklin County's foster care rate was high and its domestic violence rate was elevated.
- The event dropout rate in Franklin County was high and performance on 8th grade achievement tests was poor.
- The alcohol related crime rate among 10-14 year olds in Franklin County was elevated.

Grundy County Pop. 14332

Non-Metro Counties
Washington County



Risk Factor Scores



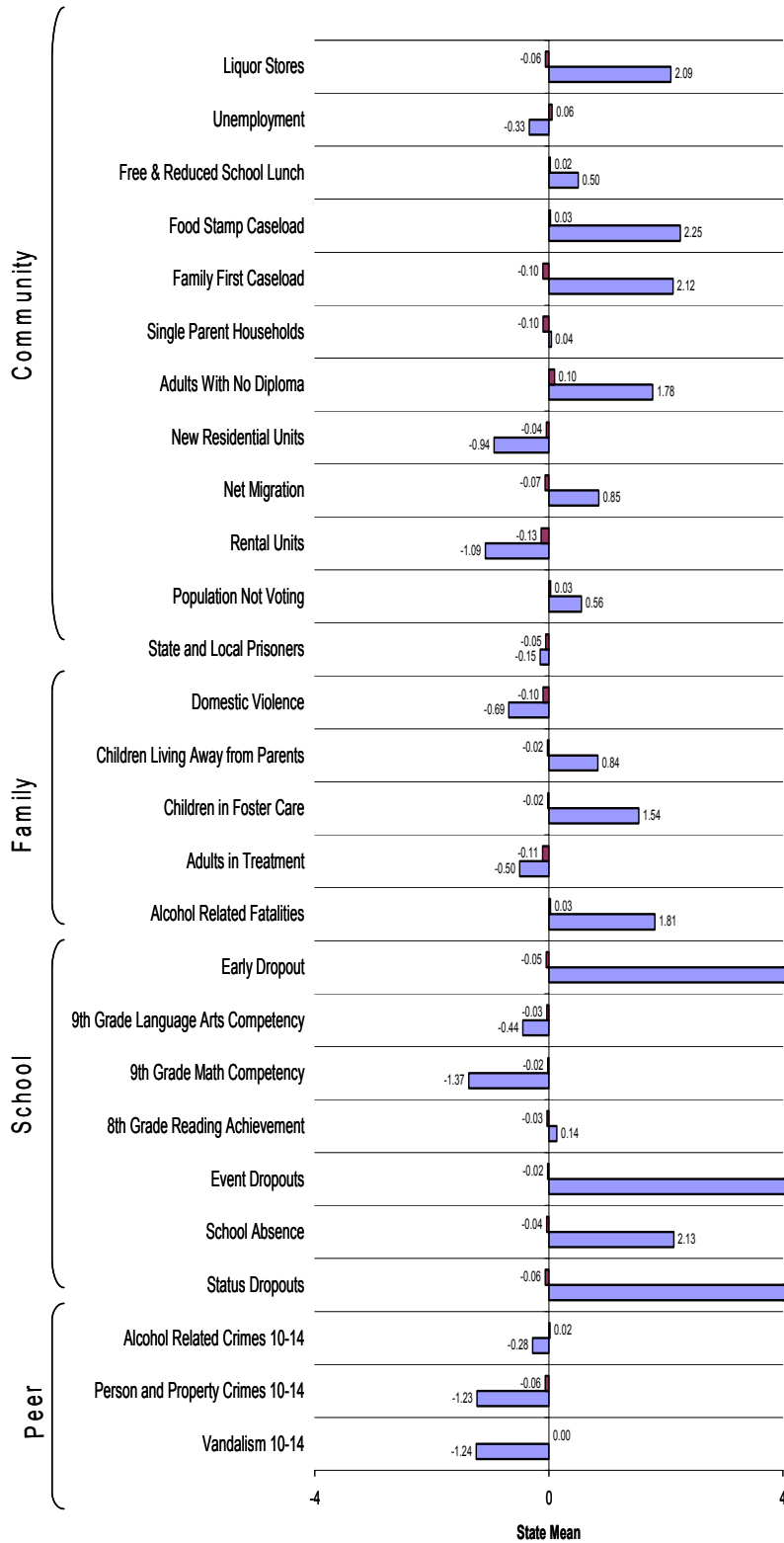
- Grundy County was extremely high on the School risk factor. Grundy County’s Overall, Community, and Family risk factor scores were also elevated.

- Grundy County’s problem behavior rates were generally lower than those in other non-metro counties.

Problem Behaviors



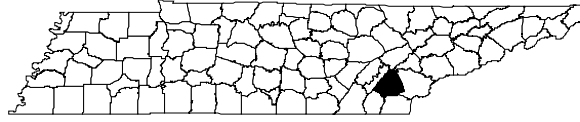
Social Indicator Variables



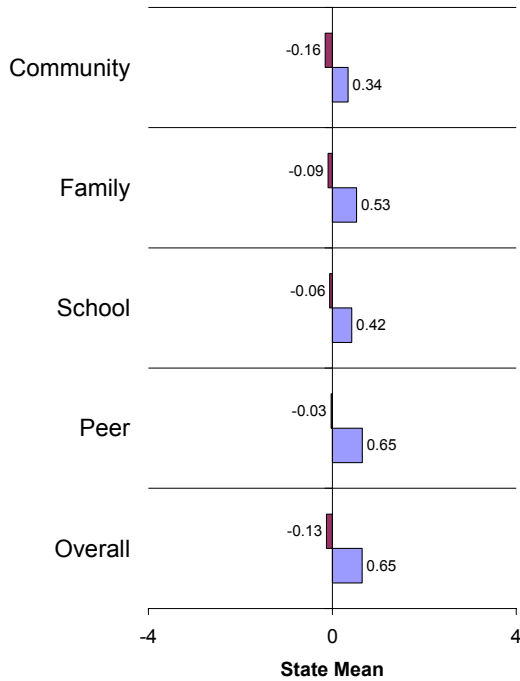
- Among Community variables, Grundy County's food stamp, family first caseload, and liquor store rates were very high and adults without a diploma was high. Free and reduced lunch, net migration, and nonvoting were also elevated.
- Among Family variables, Grundy County's rates for alcohol-related fatalities, children living in foster care, and children living away from their family were all elevated.
- Among the School variables, all three dropout rates were extremely high, as was the absenteeism rate.
- Peer-related crime rates among 10 to 14 year olds in Grundy County were all low.

McMinn County Pop. 49015

Non-Metro Counties ■
McMinn County ■



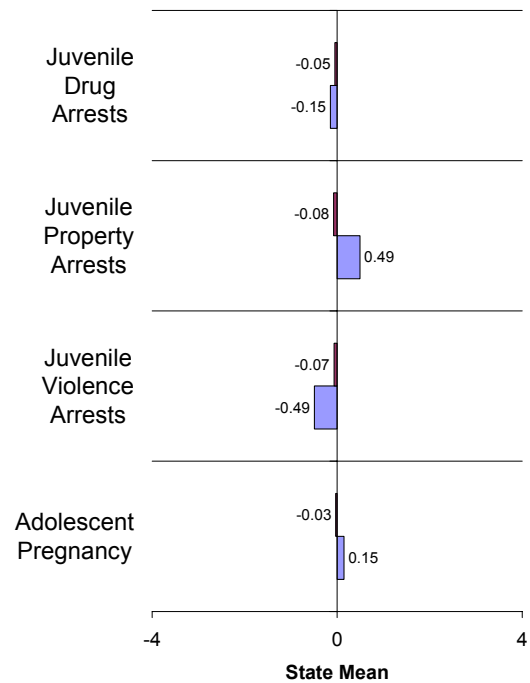
Risk Factor Scores



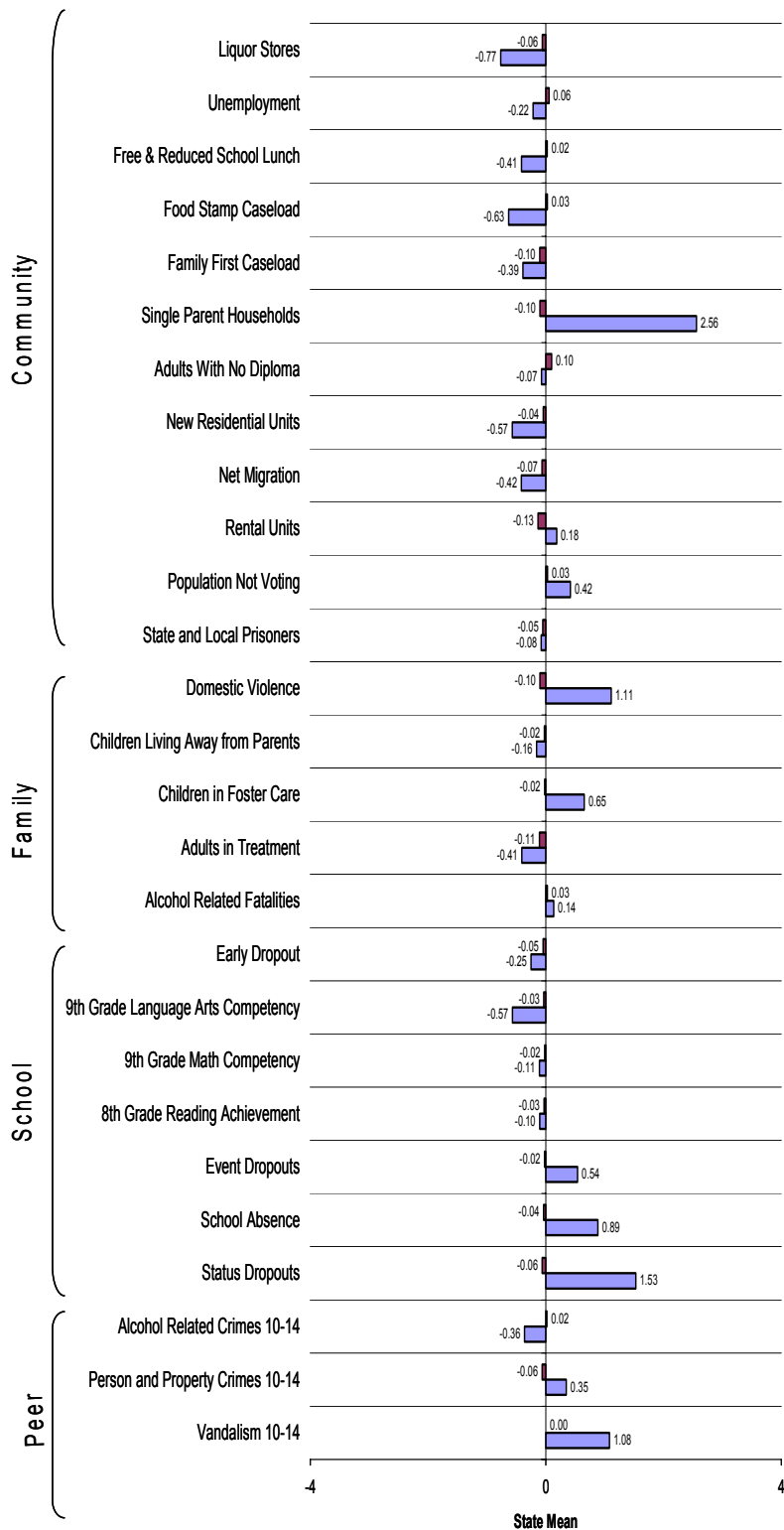
- McMinn County was elevated on all of the risk factor scores.

- McMinn County's juvenile property crime rate was moderately high and the adolescent pregnancy rate was slightly elevated.

Problem Behaviors



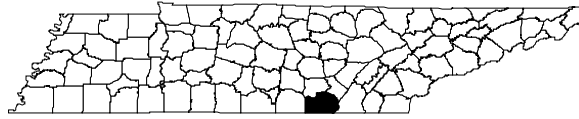
Social Indicator Variables



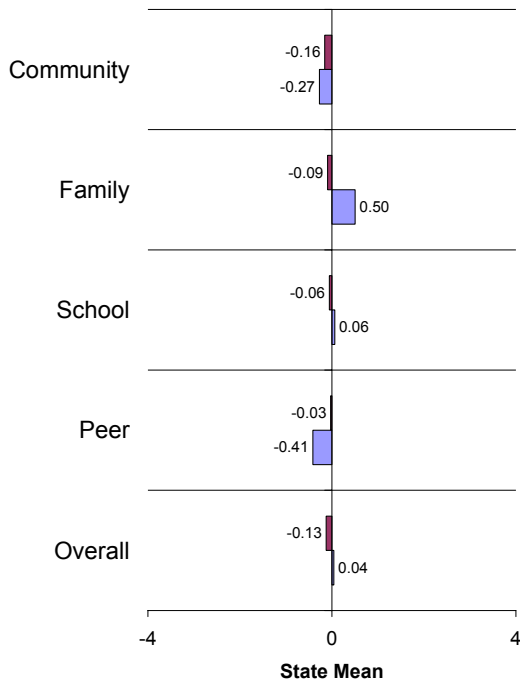
- Among Community variables, McMinn County's single parent household rate was very high. Rental unit rates and the nonvoting population were also elevated.
- Among Family variables McMinn County's foster care rate was elevated and the domestic violence rate was high.
- Among School variables, McMinn County's absenteeism and status dropout rates were high. The event dropout rate was elevated.
- McMinn County's vandalism and person and property crime rates were high and elevated.

Marion County Pop. 27776

Non-Metro Counties ■
Marion County ■



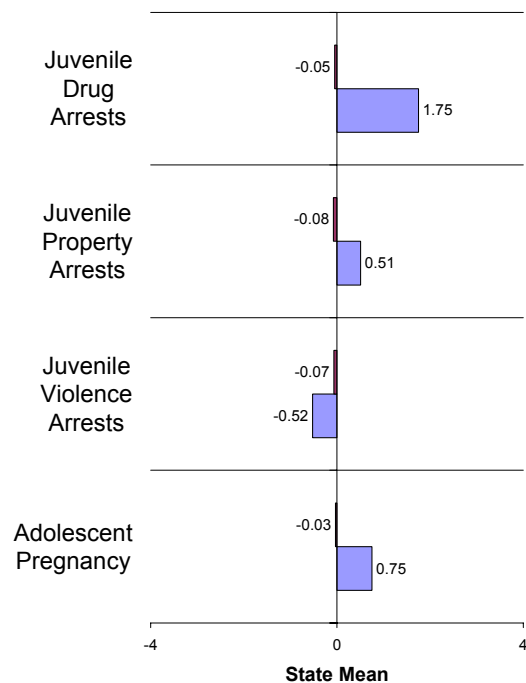
Risk Factor Scores



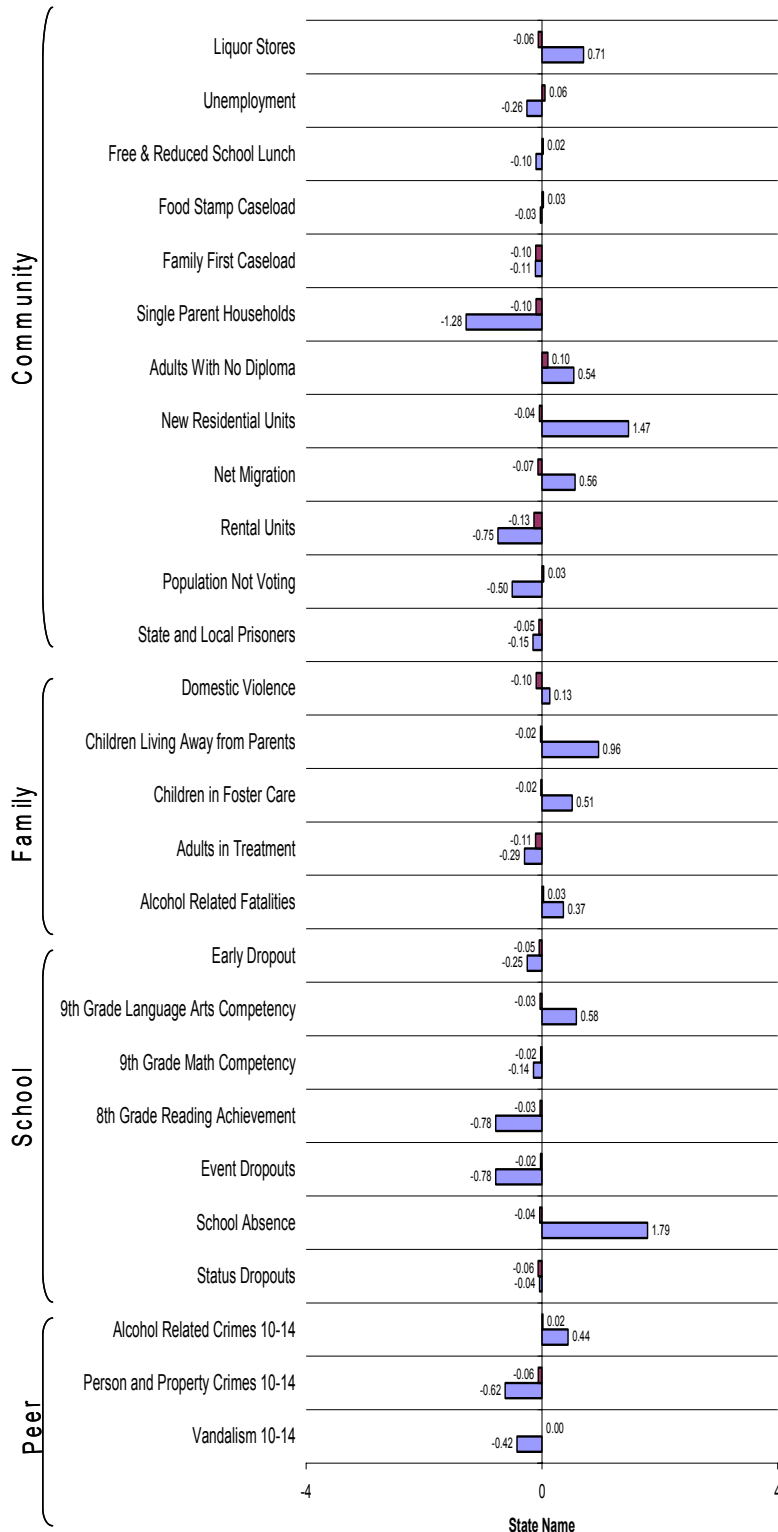
- Marion County's Family risk factor was elevated. Otherwise, Marion County's risk factor scores were low or average for a non-metro county.

- Marion County's juvenile drug arrest rate was high. Juvenile property arrest and adolescent pregnancy rates were also elevated.

Problem Behaviors



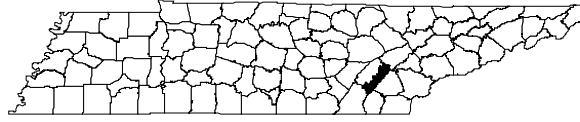
Social Indicator Variables



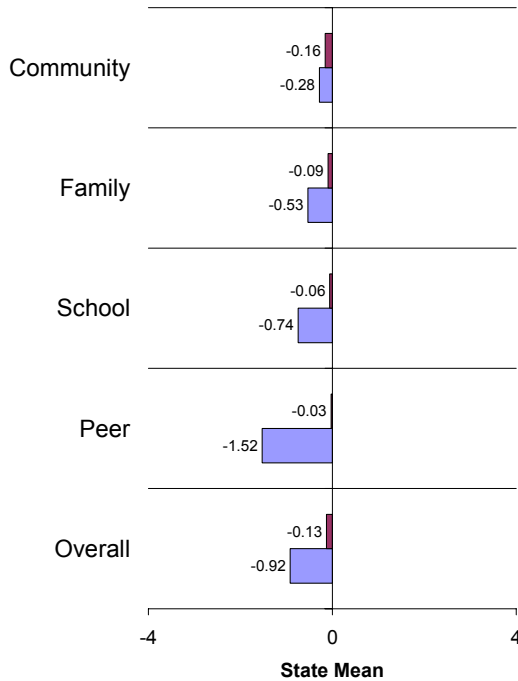
- Among Community variables, Marion County's liquor store, adults without diplomas, net migration, and new residential unit rates were moderately high to high.
- Among Family variables, Marion County's rate of children living away from parents was high. Foster care and alcohol related fatality rates were elevated. The domestic violence rate was slightly elevated.
- Among Marion County's School variables, absenteeism was high and 9th grade language arts competency was poor.
- Alcohol related crimes among 10-14 year olds in Marion County were elevated.

Meigs County Pop. 11086

Non-Metro Counties ■
Meigs County ■



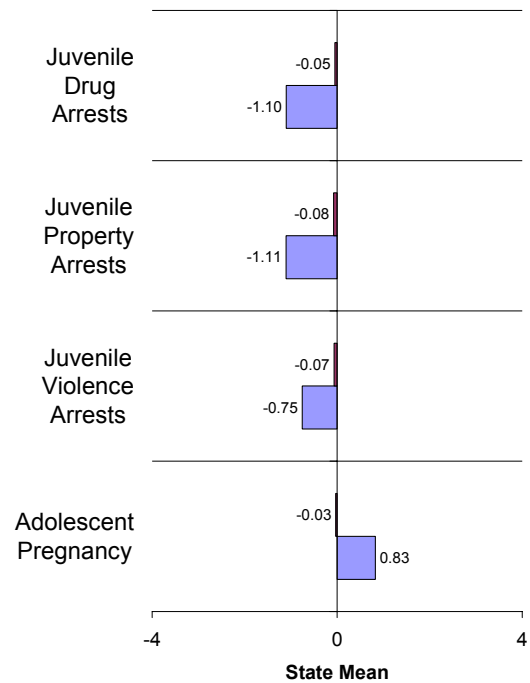
Risk Factor Scores



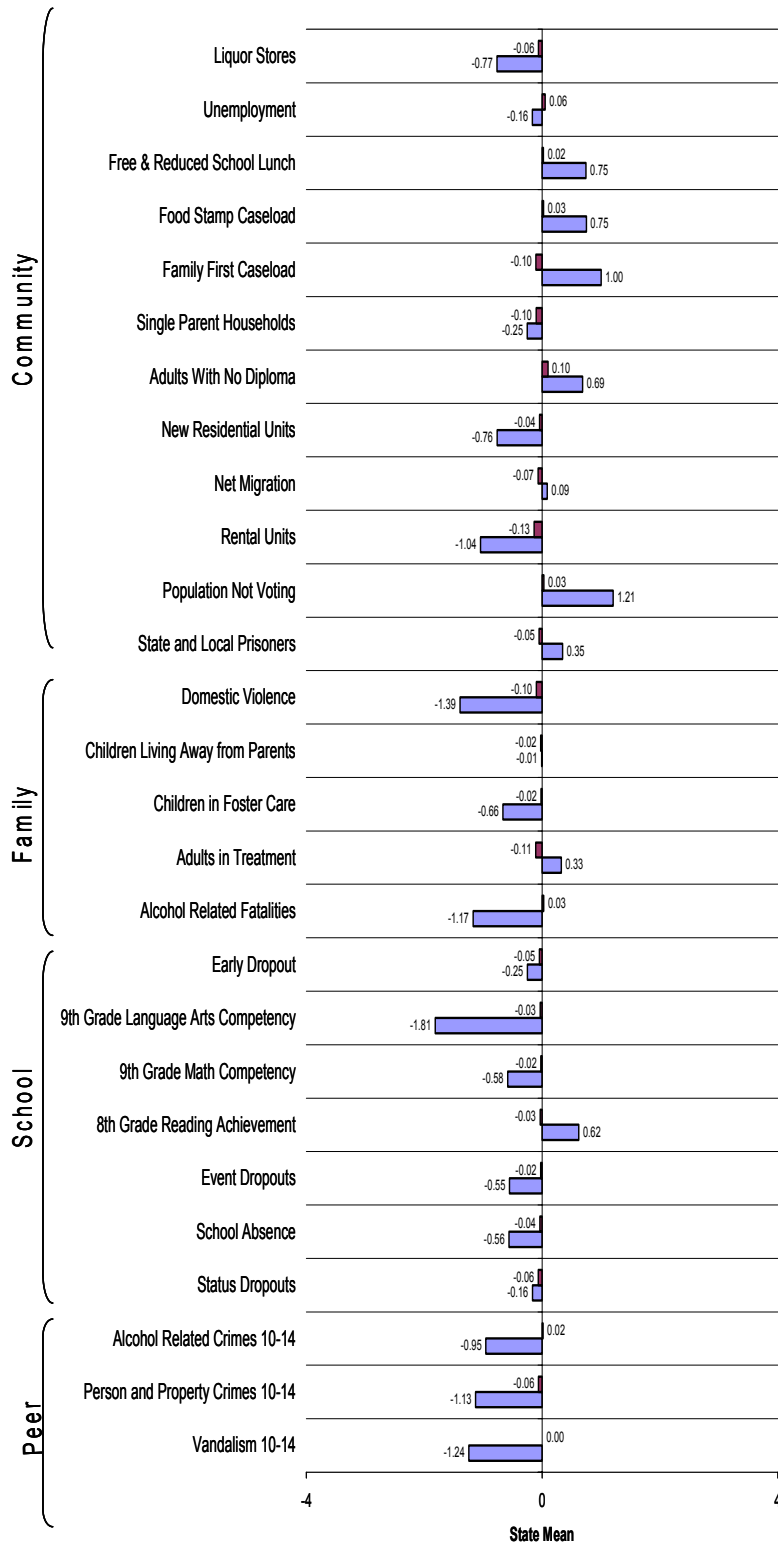
- Meigs County's risk factor scores were low or average for a non-metro county.

- Meigs County's problem behavior rates were low except adolescent pregnancy, which was high.

Problem Behaviors



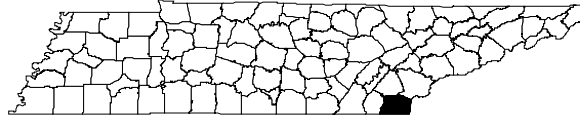
Social Indicator Variables



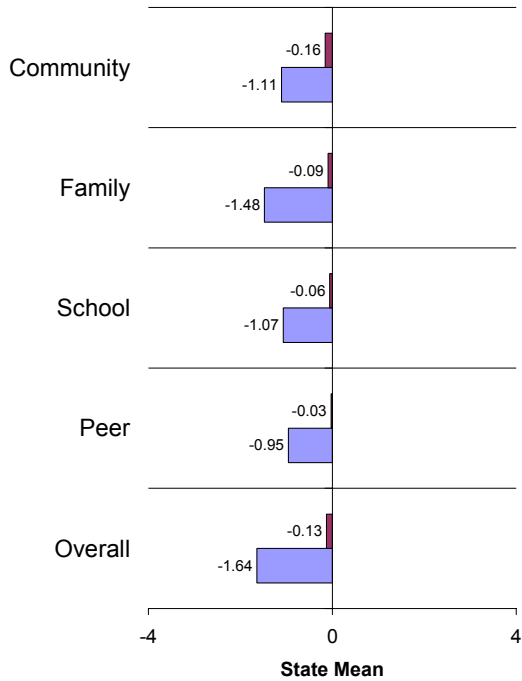
- Among Meigs County Community indicators, family first caseload and nonvoting population rates were high. Free and reduced lunch, food stamp caseload, adults without diplomas, and state and local prisoner rates were elevated.
- Among Family indicators in Meigs County, adults in treatment was elevated.
- Among School indicators in Meigs County's 8th grade reading achievement was poor.
- Peer related indicators in Meigs County were all below average.

Polk County Pop. 16050

Non-Metro Counties ■
Polk County ■



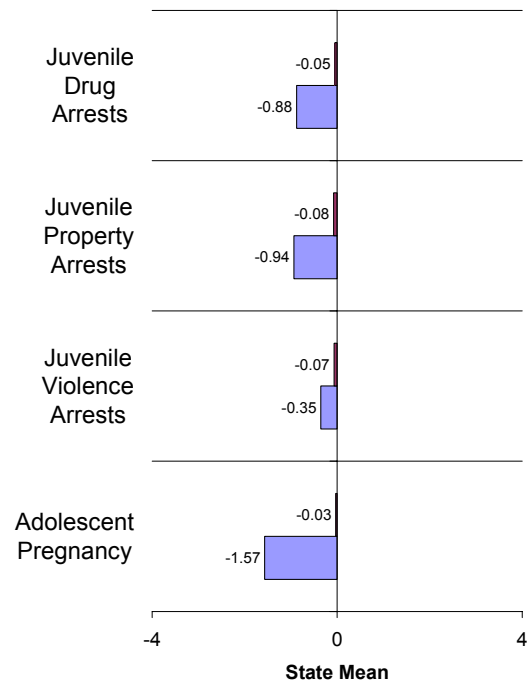
Risk Factor Scores



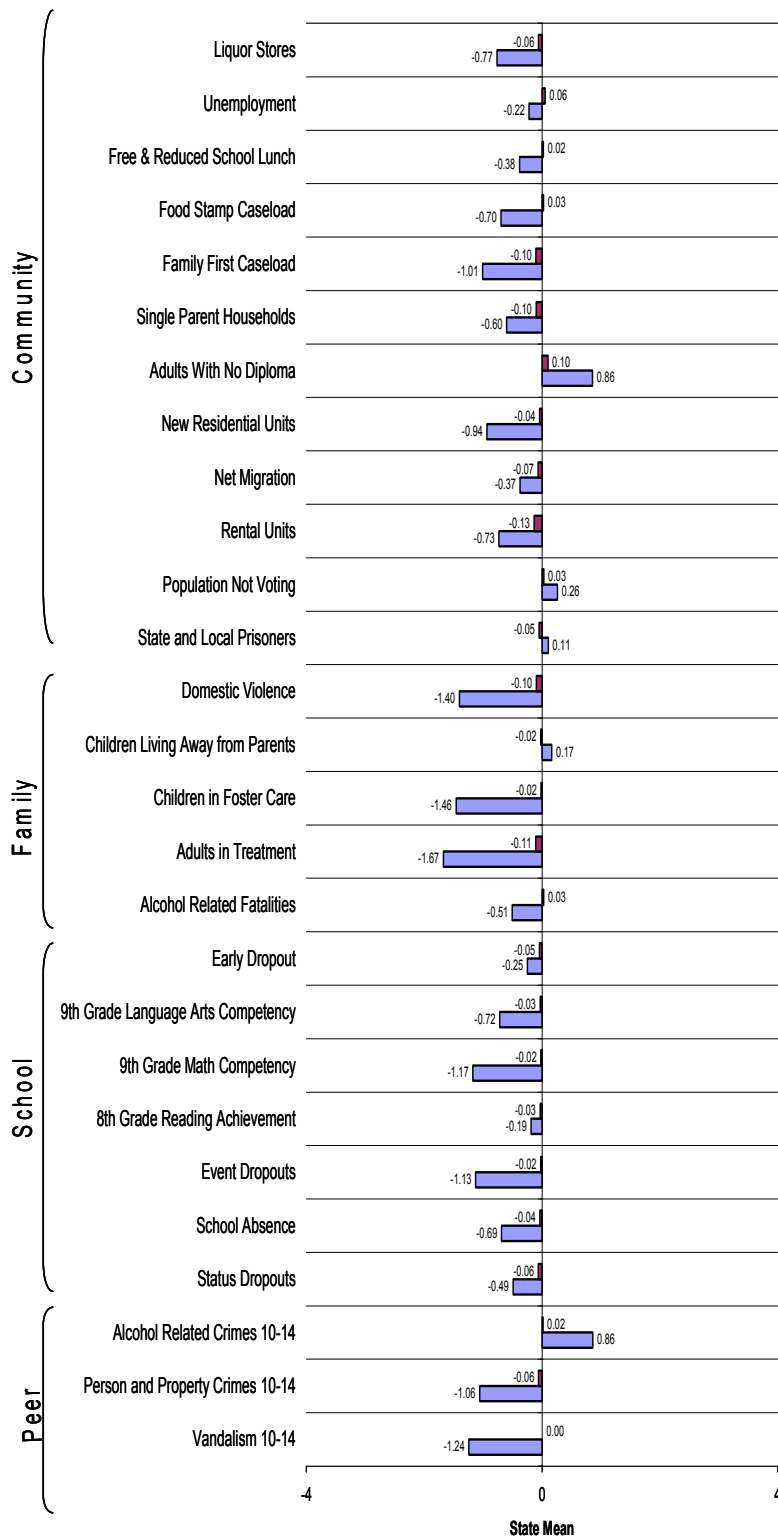
- All of Polk County's risk factor scores were below average for a non-metro county.

- All of the problem behavior rates in Polk County were below average for a non-metro county.

Problem Behaviors



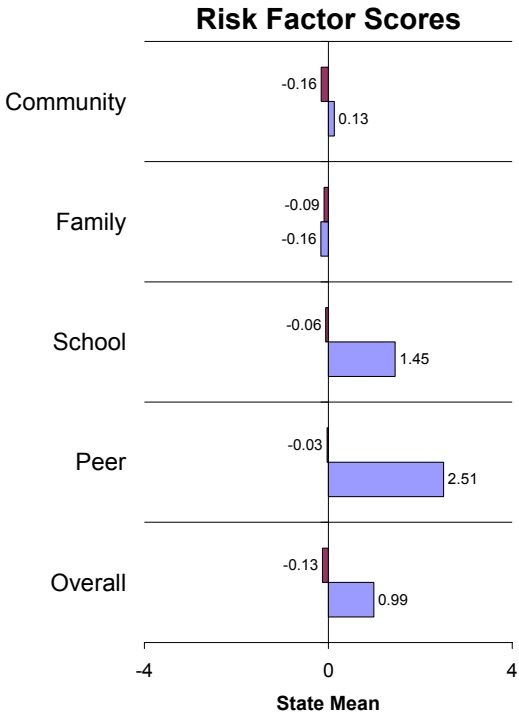
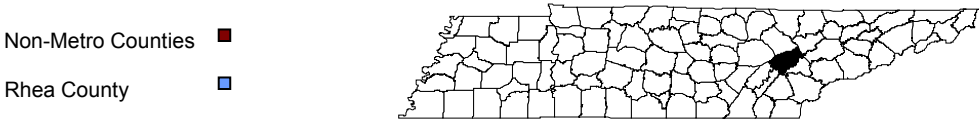
Social Indicator Variables



- Among Community indicators, Polk County's adults without diplomas rate was high and the nonvoting population rate was slightly elevated.
- Except children living away from parents, which was slightly elevated, all of Polk County's Family indicators were low.
- All of Polk County's School indicators were average or low.
- The alcohol-related crime rate among 10-14 year olds in Polk County was high.

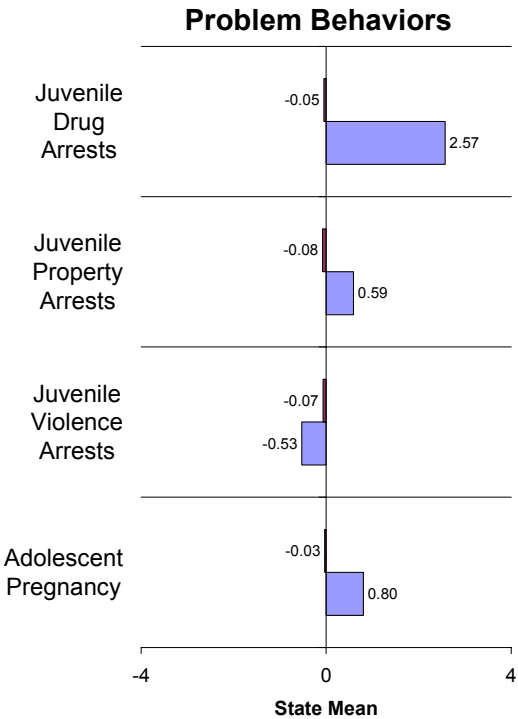
Rhea County

Pop. 28400

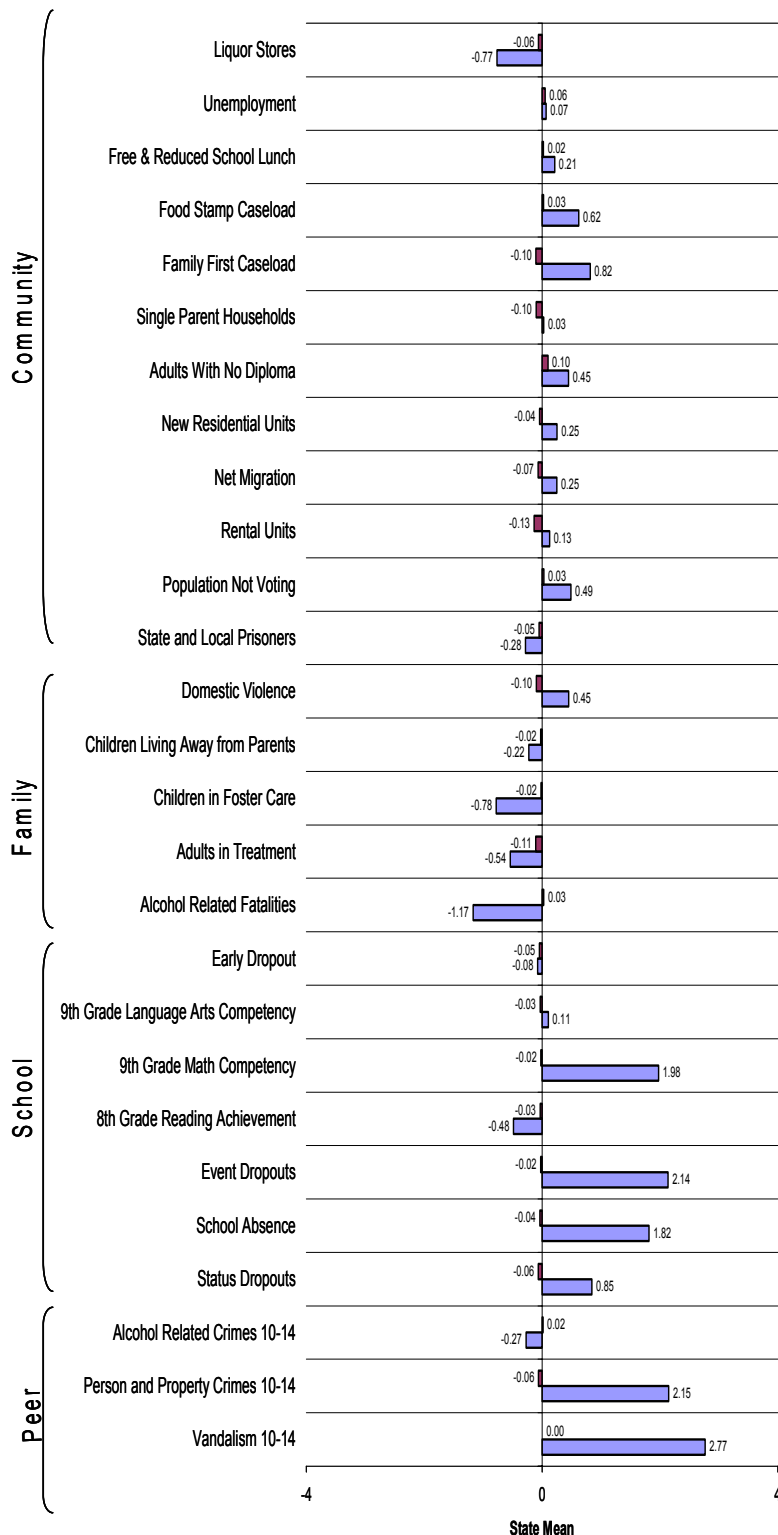


- Rhea County was high on the Overall and School risk factors, very high on the Peer risk factor, and elevated on the Community risk factor.

- Rhea County's juvenile drug arrest rate was very high. Juvenile property arrests and adolescent pregnancies were also moderately high.



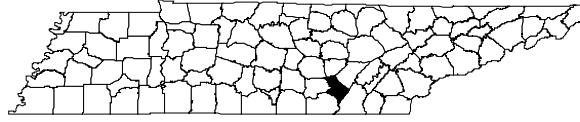
Social Indicator Variables



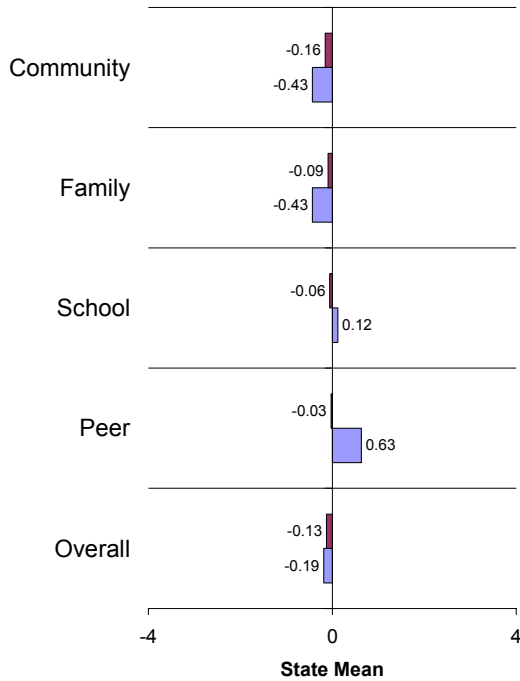
- Rhea County was slightly elevated to moderately high on all Community variables except liquor stores, unemployment, single parent households, and state and local prisoners.
- Rhea County's domestic violence rate was elevated.
- Among School related variables, Rhea County's 9th grade math competency was poor and dropout and absenteeism rates were very high.
- Person and property and vandalism crime rates for 10-14 year olds in Rhea County were very high.

Sequatchie County Pop. 11370

Non-Metro Counties ■
Sequatchie County ■



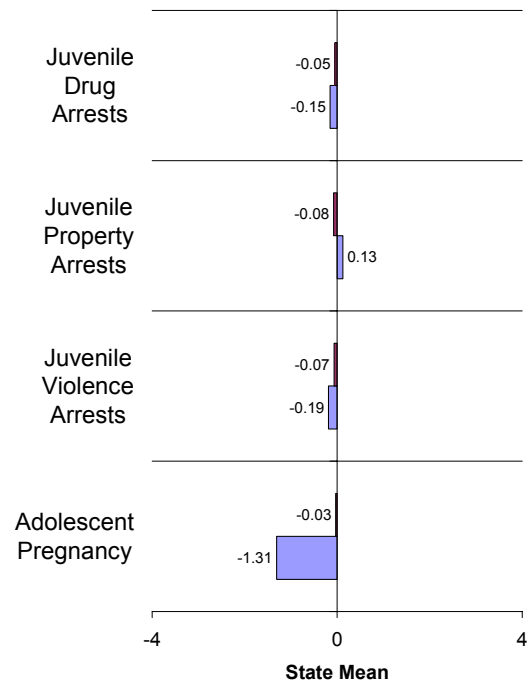
Risk Factor Scores



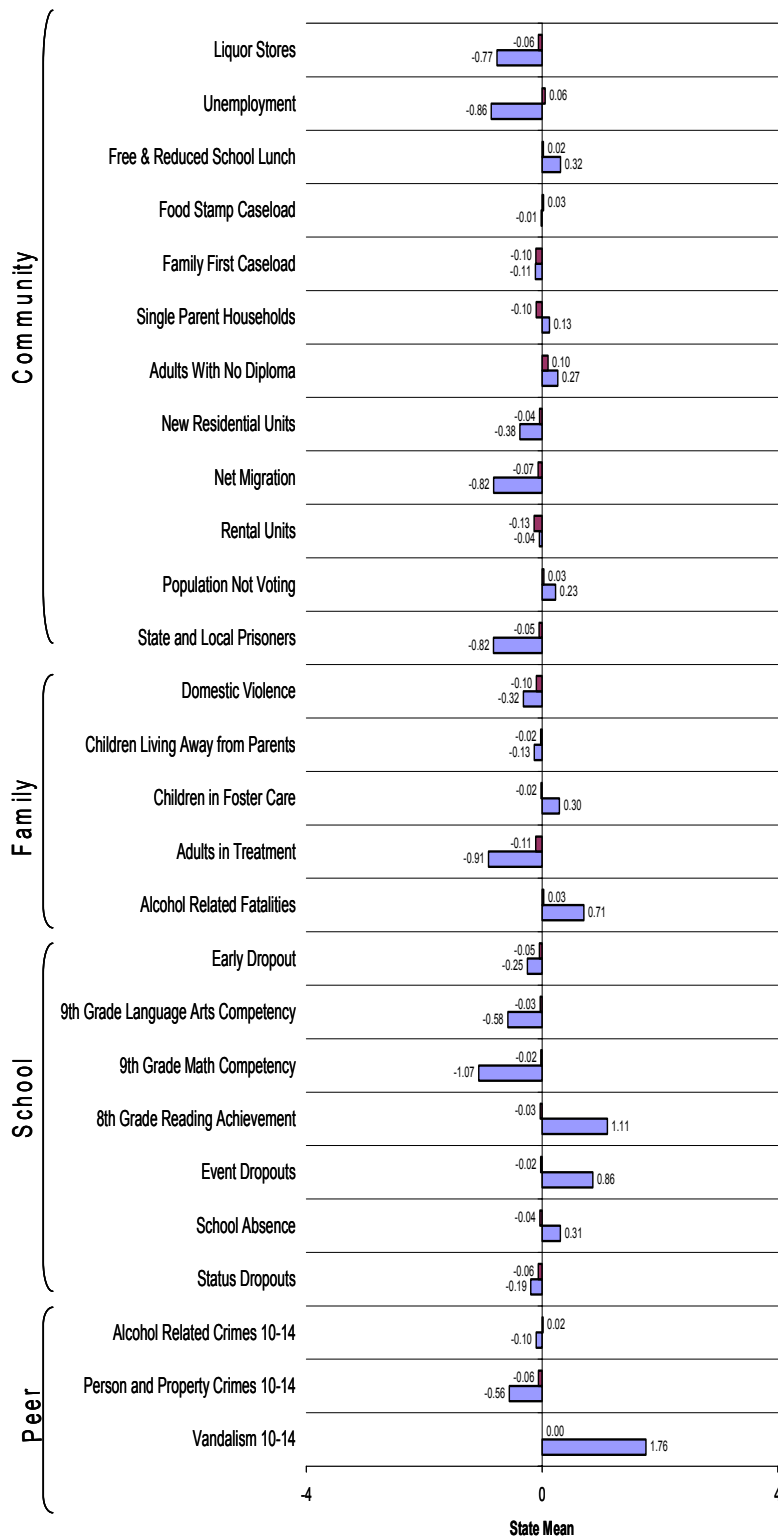
- Sequatchie County was moderately high on the Peer risk factor and the School risk factor was slightly elevated.

- Juvenile arrests for property crimes in Sequatchie County were slightly elevated. Otherwise, problem behavior rates in Sequatchie County were low or average for a non-metro county.

Problem Behaviors



Social Indicator Variables

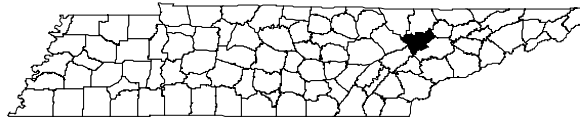


- Among Community variables, Sequatchie County's free and reduced school lunch rate was elevated. Single parent household and nonvoting population rates were also slightly elevated.
- Among Family variables, alcohol related fatalities were high in Sequatchie County, and children living in foster care was elevated.
- Among School variables, 8th grade reading achievement was poor, the event dropout rate was high, and absenteeism was elevated.
- Among Peer variables, the 10-14 year old vandalism rate was high.

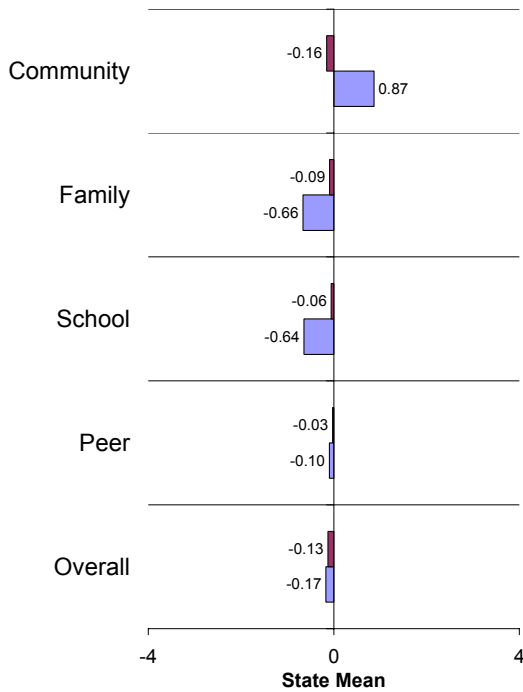
East Region

Anderson County Pop. 71330

Non-Metro Counties ■
Anderson County ■



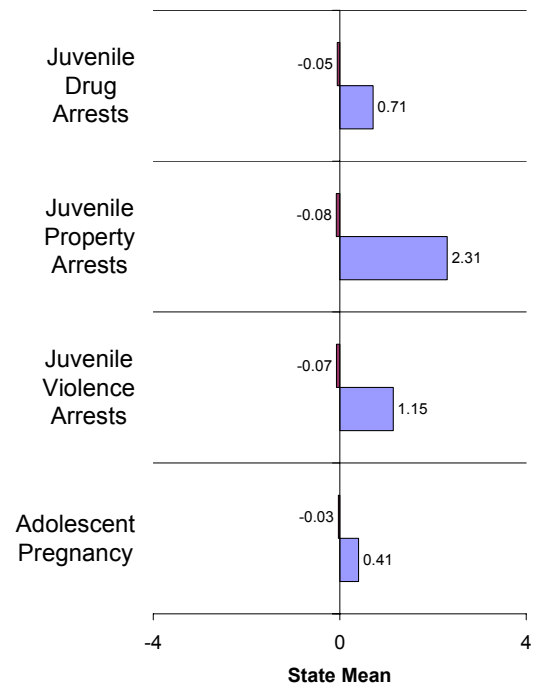
Risk Factor Scores



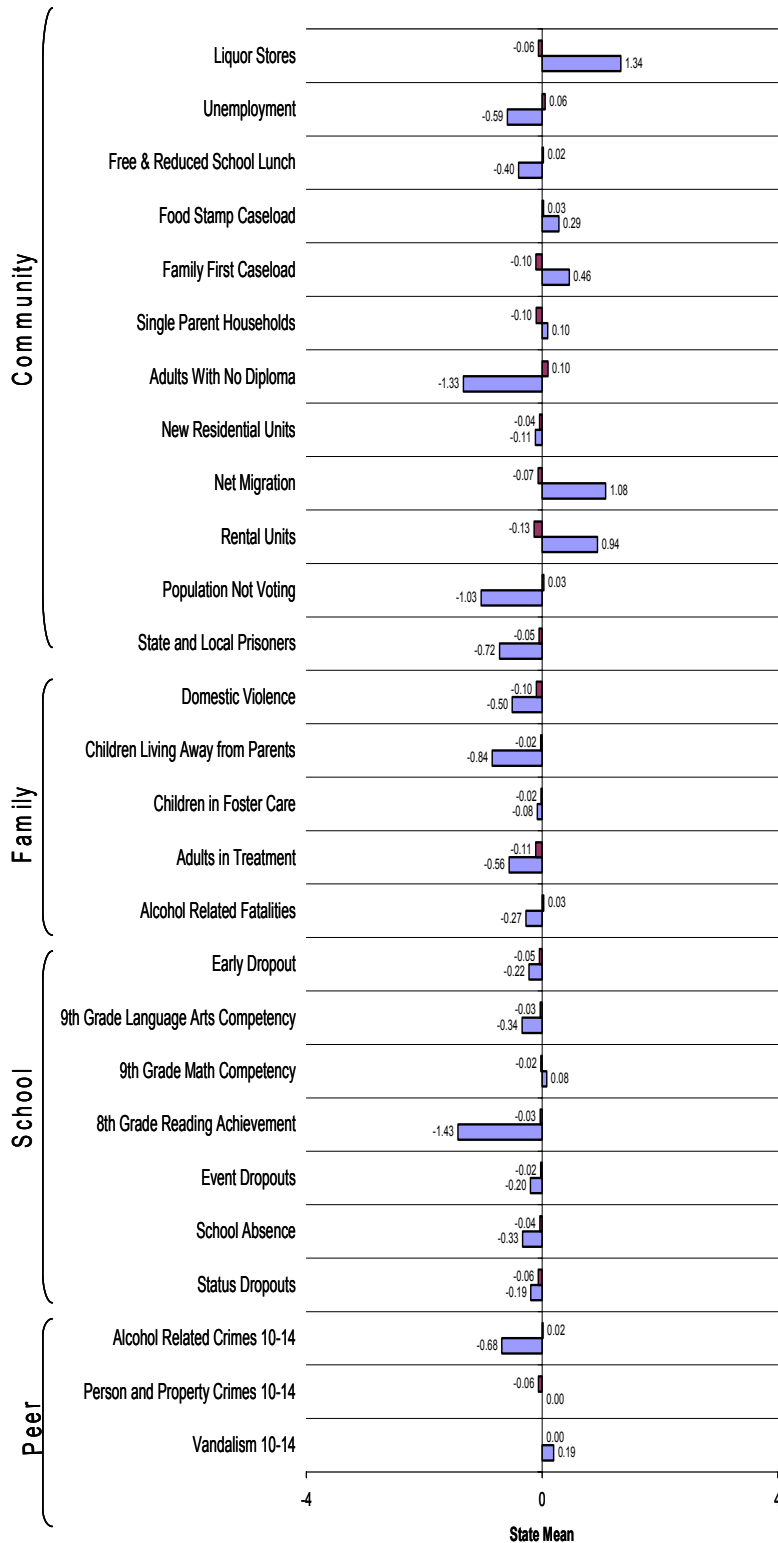
- Anderson County's Community risk factor score was high. Otherwise, Anderson County's risk factor scores were average or below.

- The juvenile arrest rate for property crimes in Anderson County was very high and juvenile arrests for violent crimes were high. Juvenile drug arrest and adolescent pregnancy rates were elevated.

Problem Behaviors



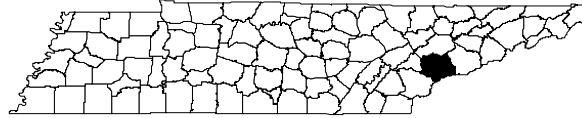
Social Indicator Variables



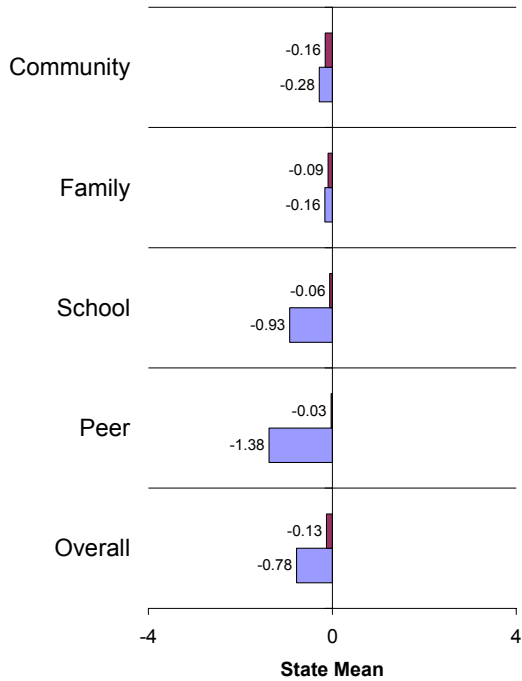
- Among Community variables, Anderson County's liquor store, rental unit, and net migration rates were high. Food stamp and family first caseloads were elevated and single parent households were slightly elevated.
- All of Anderson County's Family variables were average or below.
- Anderson County's School variables were all average or below. Performance on the 8th grade reading achievement test was excellent and 9th grade language arts competency test was above average.
- Vandalism among 10-14 year olds in Anderson County was slightly elevated.

Blount County Pop. 105823

Non-Metro Counties ■
Blount County ■



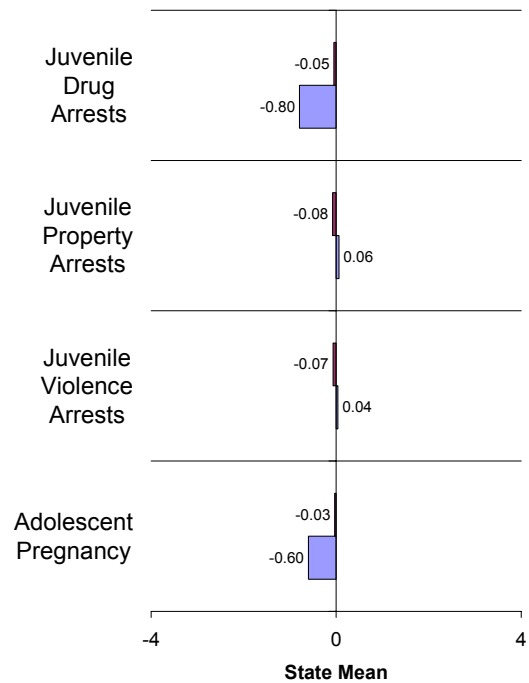
Risk Factor Scores



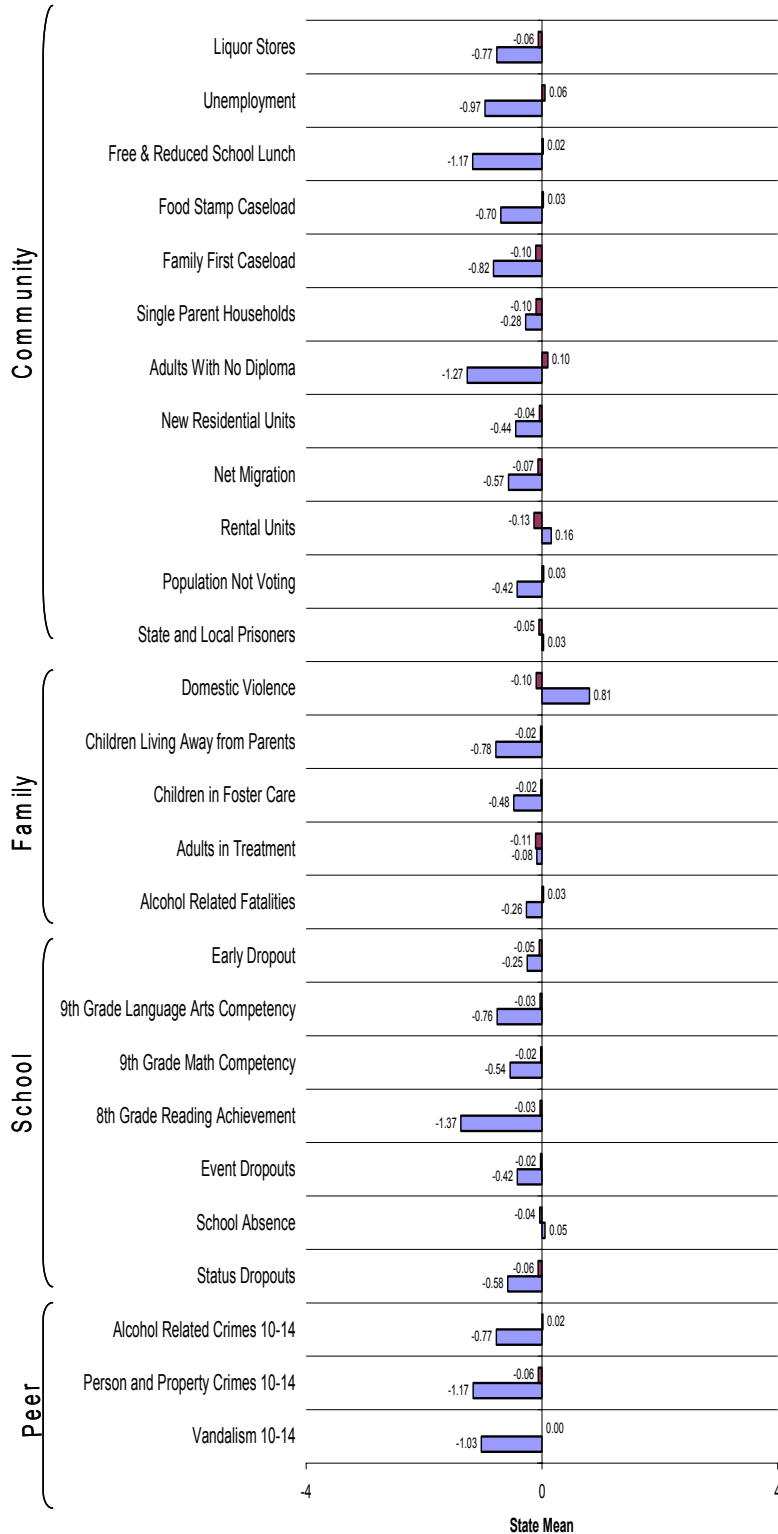
- Blount County's risk factor scores were all average or below.

- Blount County problem behavior rates were all average or below.

Problem Behaviors



Social Indicator Variables

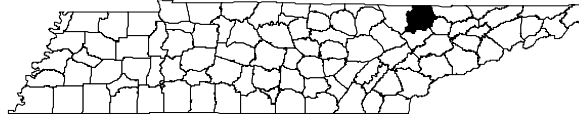


- Among Community variables, Blount County's rental unit rate was slightly elevated.
- Among Family variables, Blount County's domestic violence rate was high.
- All of Blount County's School variables were average or below. Performance on the 9th grade competency tests was above average and 8th grade reading achievement was excellent.
- Vandalism and the alcohol-related and person and property crime rates among 10-14 year olds in Blount County were low.

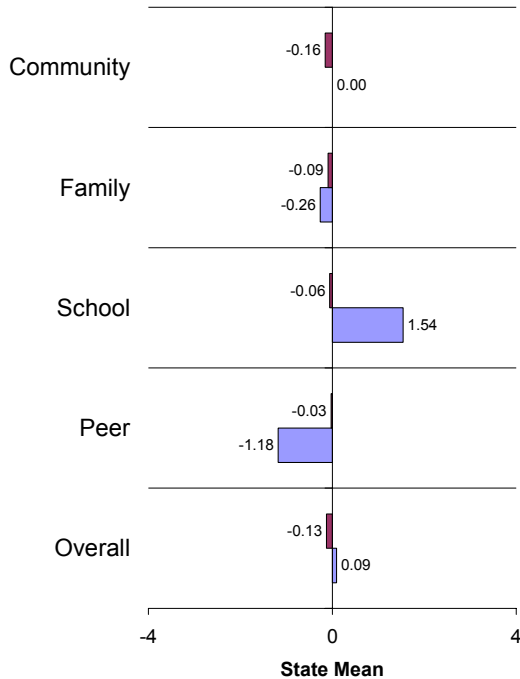
Campbell County

Pop. 39854

Non-Metro Counties ■
Campbell County ■



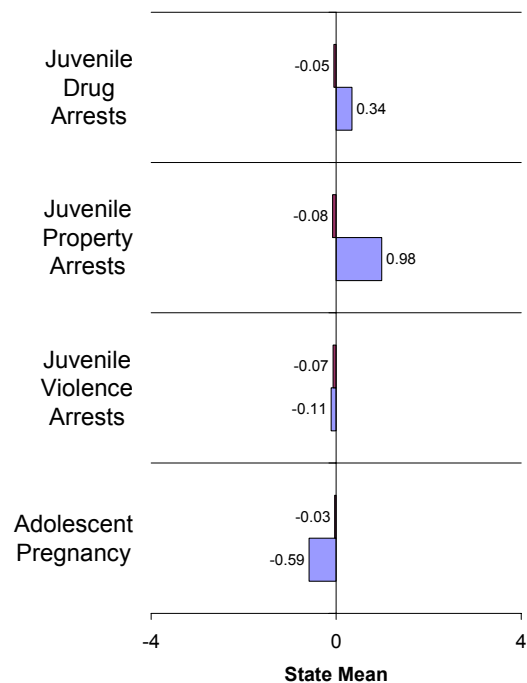
Risk Factor Scores



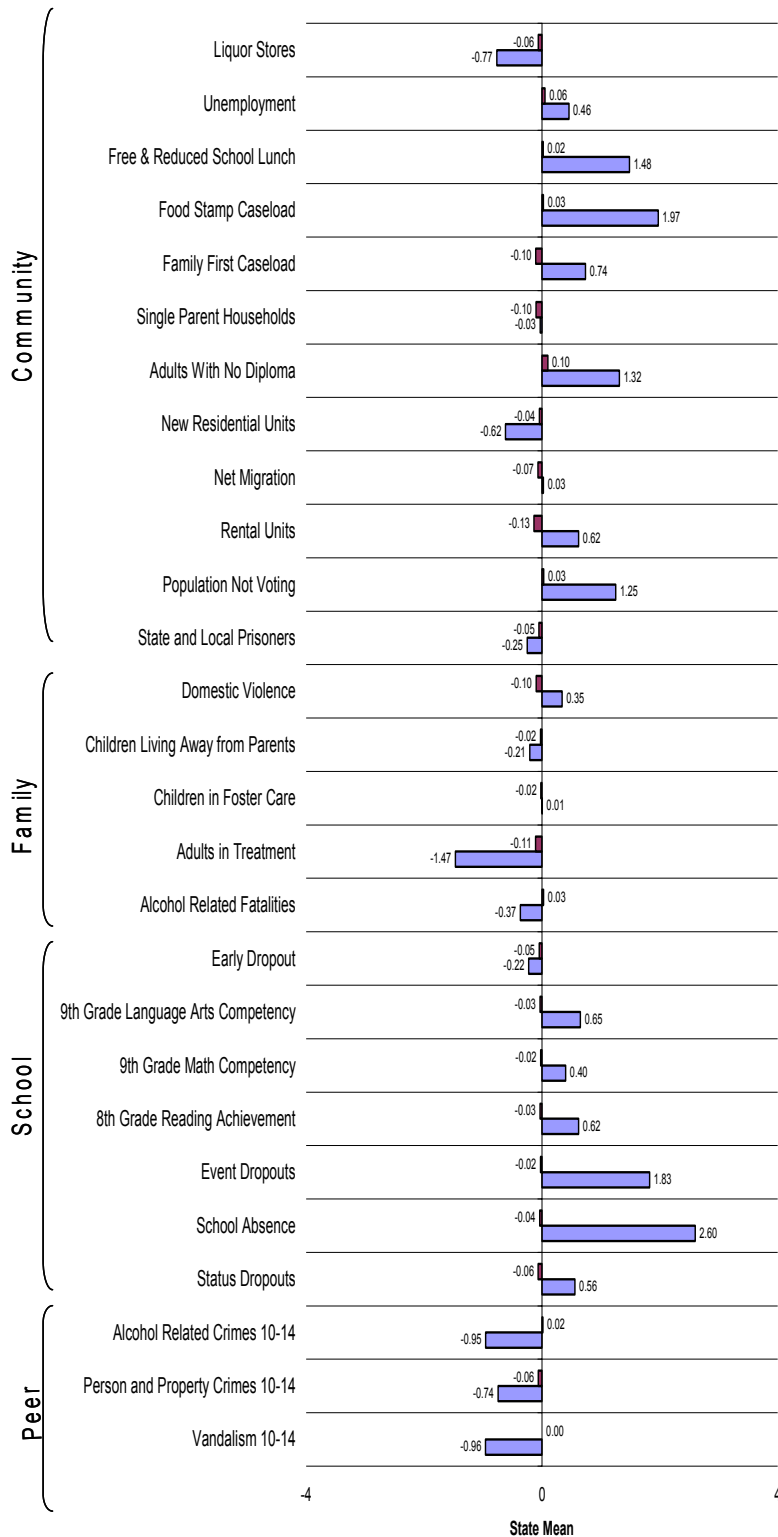
- Campbell County's School risk factor score was high and the Overall risk factor score was slightly elevated.

- Juvenile arrests for property crimes in Campbell County were high and juvenile arrests for drug crimes were elevated. Otherwise, Campbell County's problem behavior rates were average or below.

Problem Behaviors



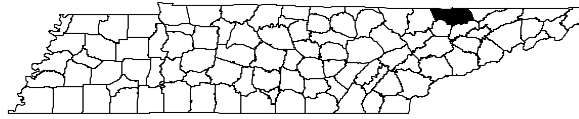
Social Indicator Variables



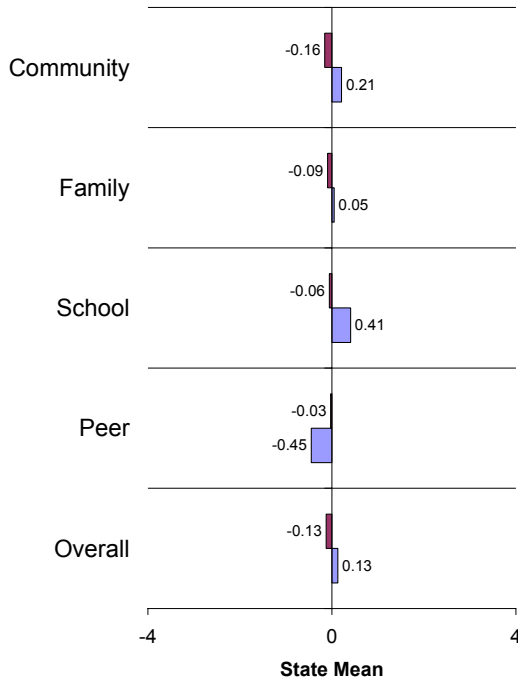
- Among Community variables, Campbell County's free and reduced lunch, food stamp caseload, adults without diplomas, and nonvoting rates were high. Unemployment, family first caseload, and rental unit rates were elevated.
- Among Family variables, Campbell County's domestic violence rate was elevated.
- Among School variables in Campbell County, absenteeism was very high. The event dropout rate was high and status dropouts were elevated. Performance on the 9th grade competency and 8th grade achievement tests was below average.
- Crime rates for 10-14 year olds in Campbell County were low.

Claiborne County Pop. 29862

Non-Metro Counties ■
Claiborne County ■



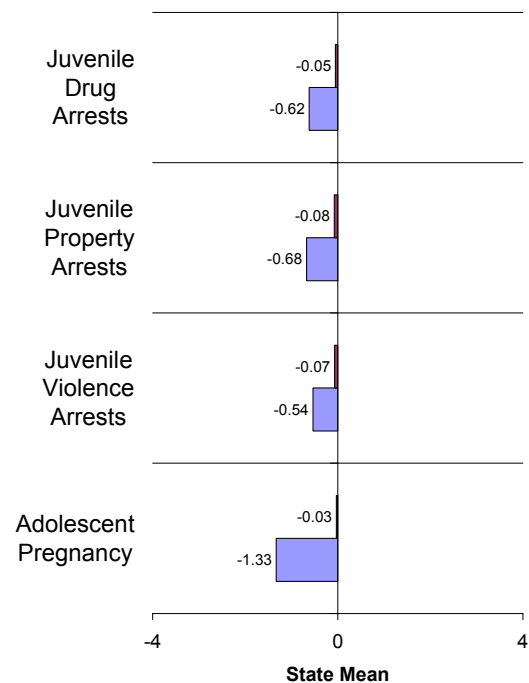
Risk Factor Scores



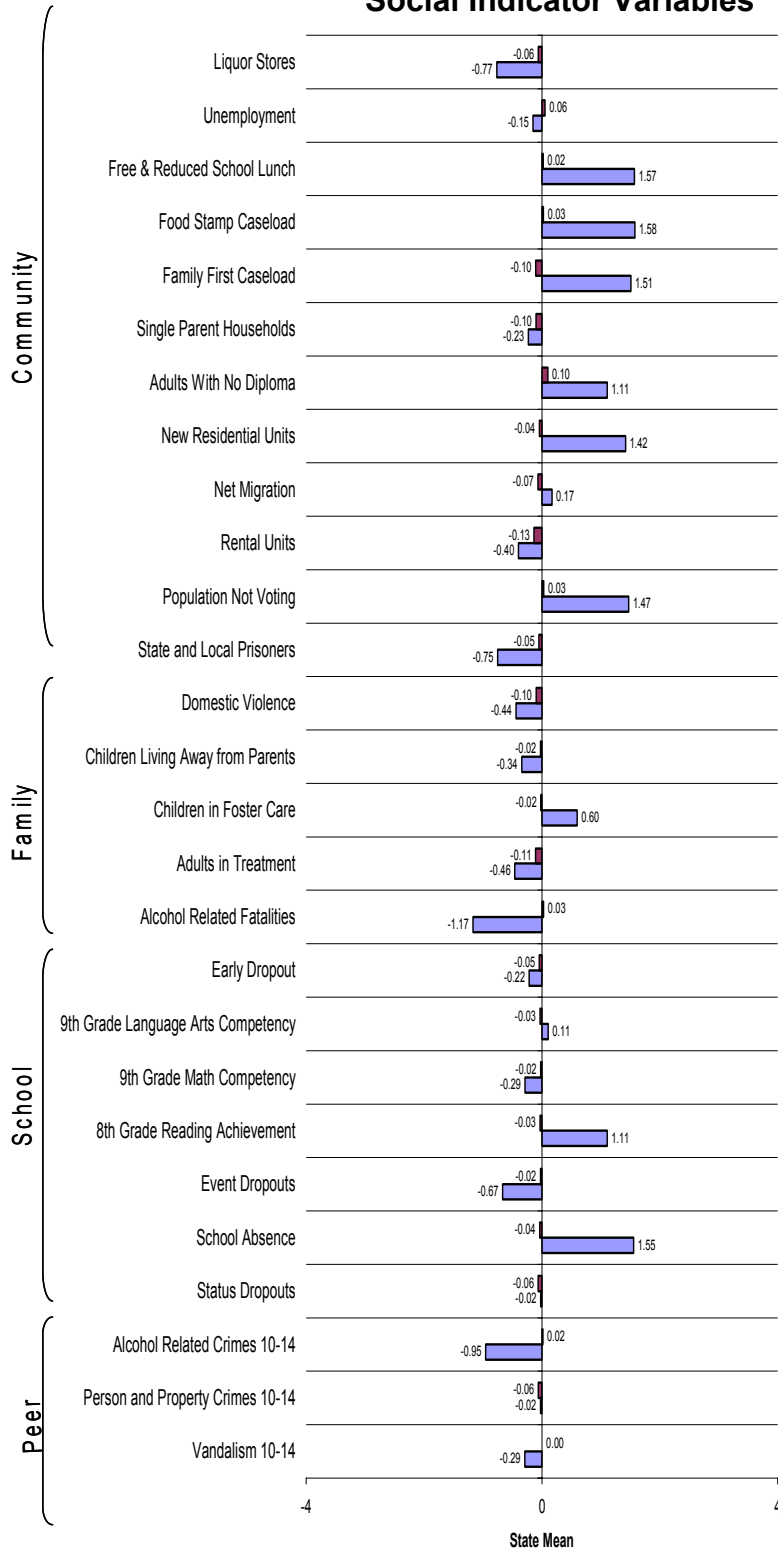
- Claiborne County's Community and School risk factor scores were elevated and the Overall risk factor score was slightly elevated.

- Claiborne County's problem behavior rates were low.

Problem Behaviors



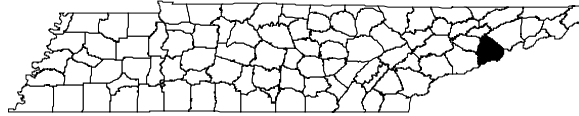
Social Indicator Variables



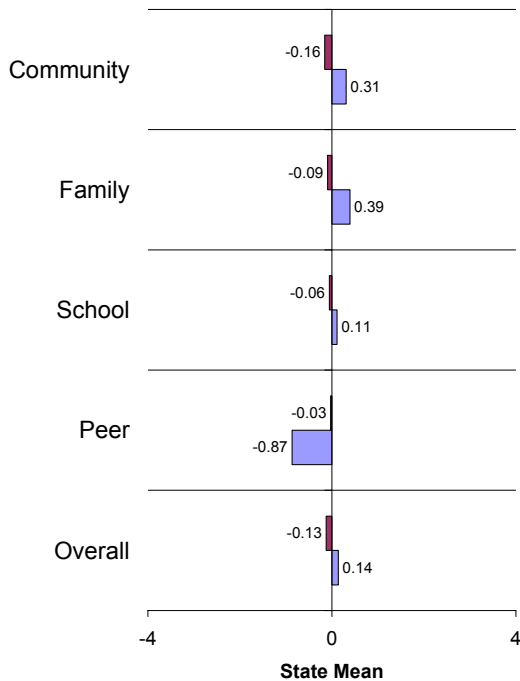
- Among Community variables, Claiborne County's free and reduced school lunch, food stamp and family first caseload, adults without diplomas, new residential unit, and nonvoting rates were high. Net migration was slightly elevated.
- Among Family variables, Claiborne County's foster care rate was elevated.
- Among School variables in Claiborne County, performance on the 8th grade reading achievement test was poor and absenteeism was high.
- Peer related crime rates among 10-14 year olds in Claiborne County were average or below.

Cocke County Pop. 33565

Non-Metro Counties ■
Cocke County ■



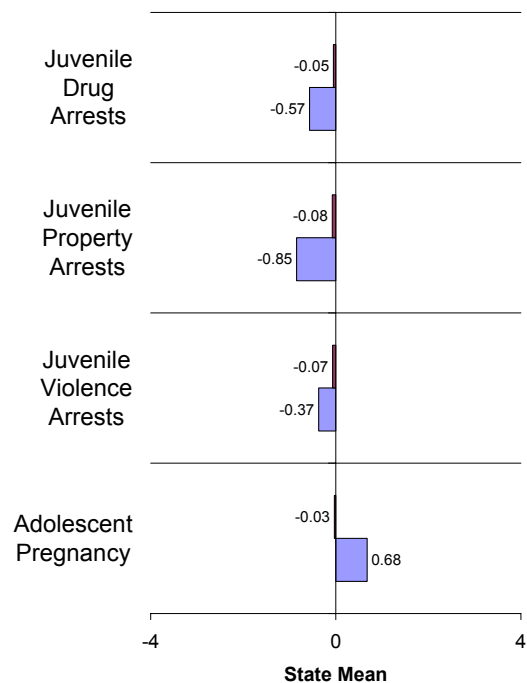
Risk Factor Scores



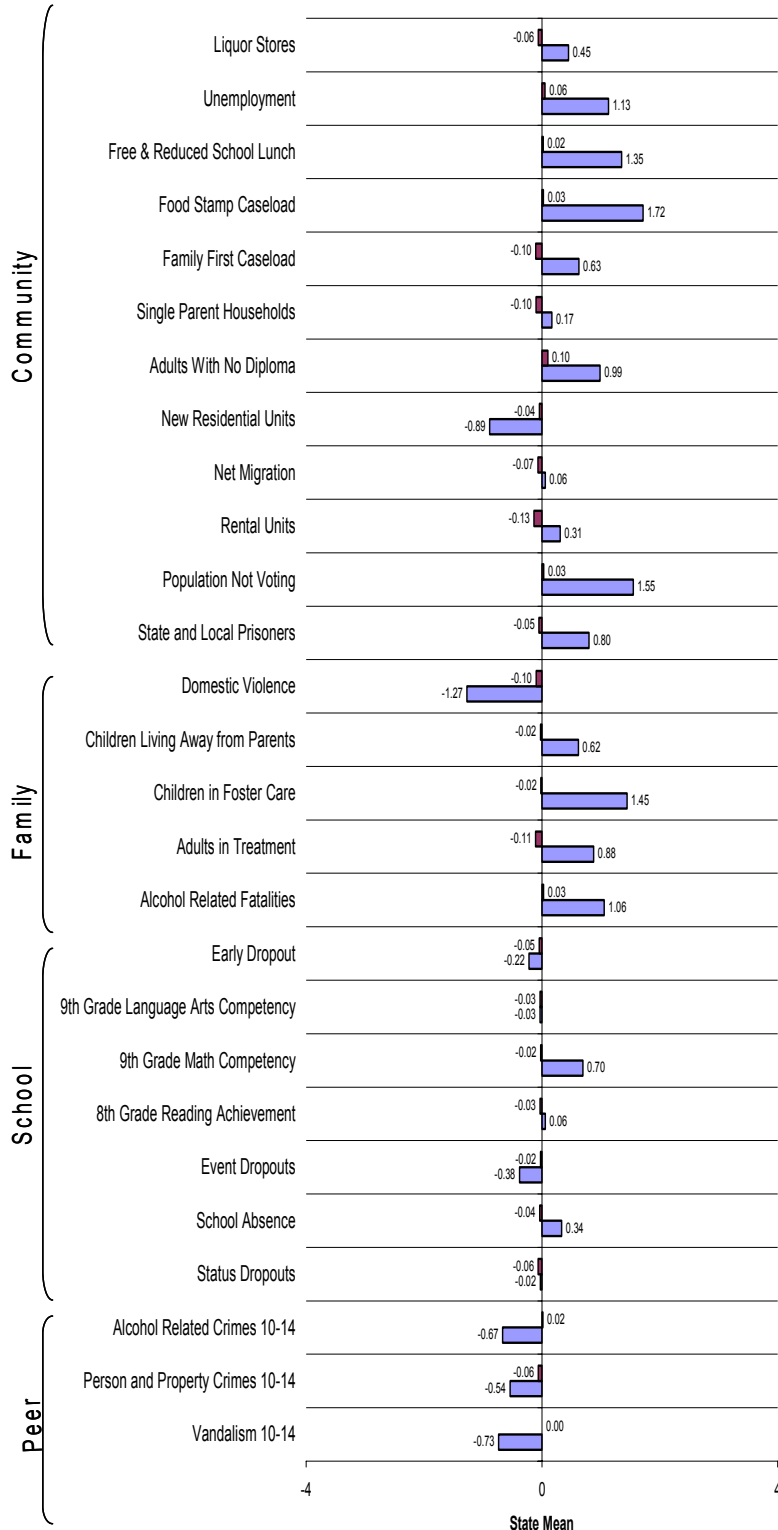
- Cocke County's Community and Family risk factor scores were elevated and the Overall risk factor score was slightly elevated.

- Cocke County's adolescent pregnancy rate was elevated. Otherwise, Cocke County's problem behavior rates were low.

Problem Behaviors



Social Indicator Variables

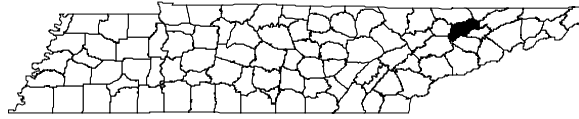


- Among Community variables in Cocke County, the liquor store, unemployment, free and reduced school lunch, food stamp, adults without diplomas, nonvoting, and state and local prisoner rates were high. The family first caseload, single parent household, and rental unit rates were elevated.
- Among Family variables in Cocke County, foster care, adult treatment, and alcohol related fatality rates were high. The rate of children living away from parents was elevated.
- Among School variables in Cocke County, performance in the 9th grade math competency test was below average and absenteeism was elevated.
- Peer related crime rates among 10-14 year olds in Cocke County were low.

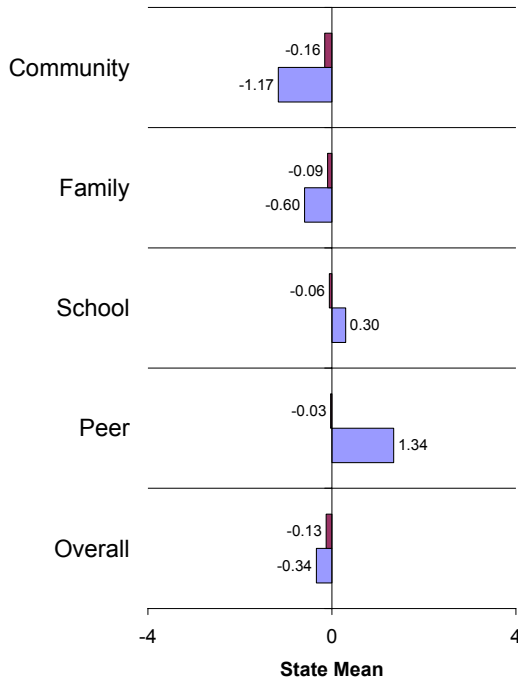
Grainger County

Pop. 20659

Non-Metro Counties ■
Grainger County ■



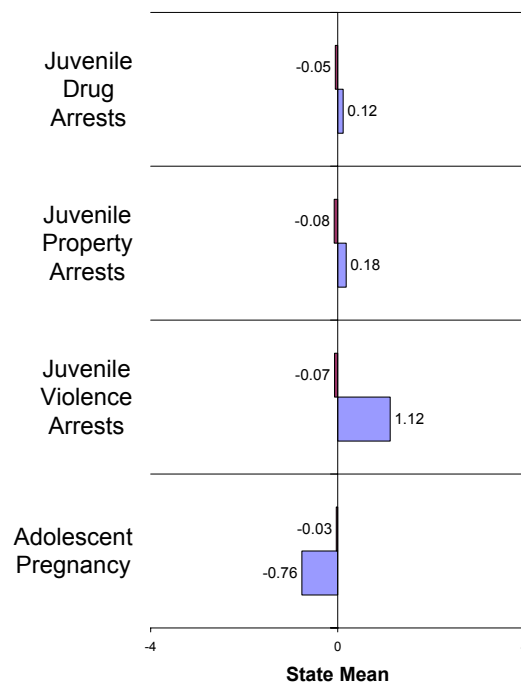
Risk Factor Scores



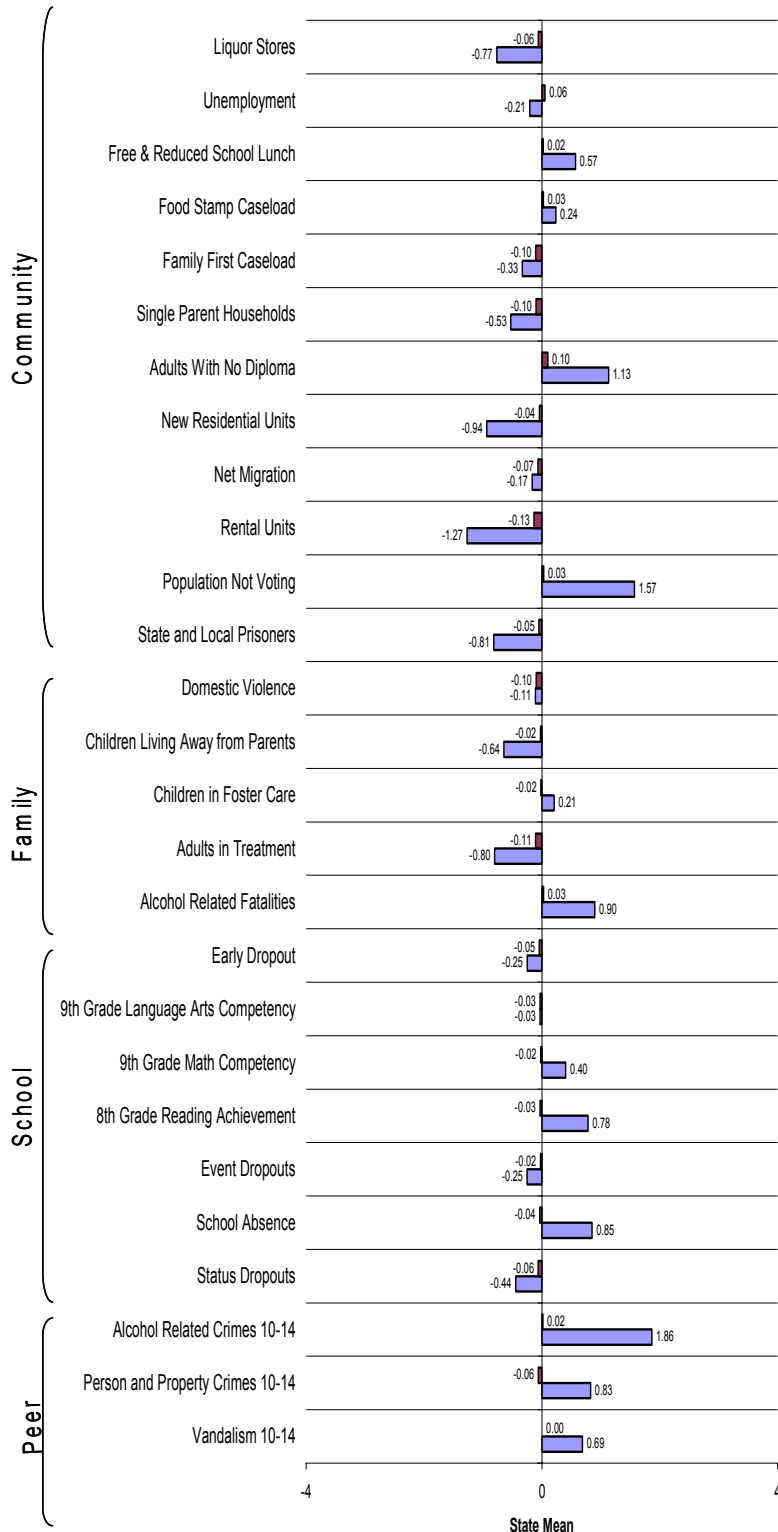
- Grainger County's Peer risk factor score was high and the School risk factor score was elevated.

- Juvenile arrests for violent crimes in Grainger County were high. Juvenile arrests for property crimes were elevated. Otherwise, Grainger County's problem behavior rates were average or below.

Problem Behaviors



Social Indicator Variables

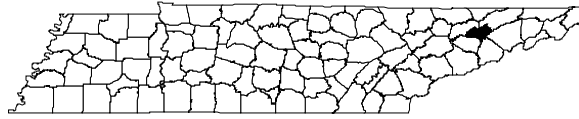


- Among Community variables, Grainger County's adults without diplomas and nonvoting rates were high. Free and reduced school lunch and food stamp rates were elevated.
- Among Family variables in Grainger County, the alcohol related fatality rate was high and the foster care rate was elevated.
- Among School variables in Grainger County, performance in the 9th grade math competency and 8th grade reading achievement tests was below average and absenteeism was high.
- The alcohol related crime and person and property crime rates among 10-14 year olds were high and the vandalism rate was elevated.

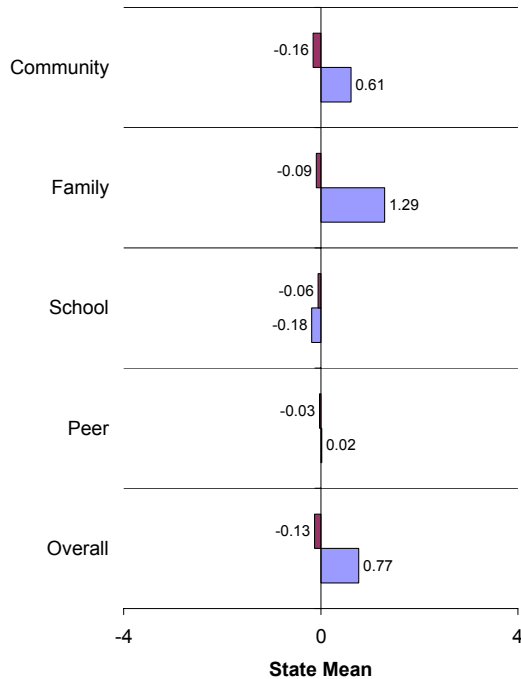
Hamblen County

Pop. 58128

Non-Metro Counties ■
Hamblen County ■



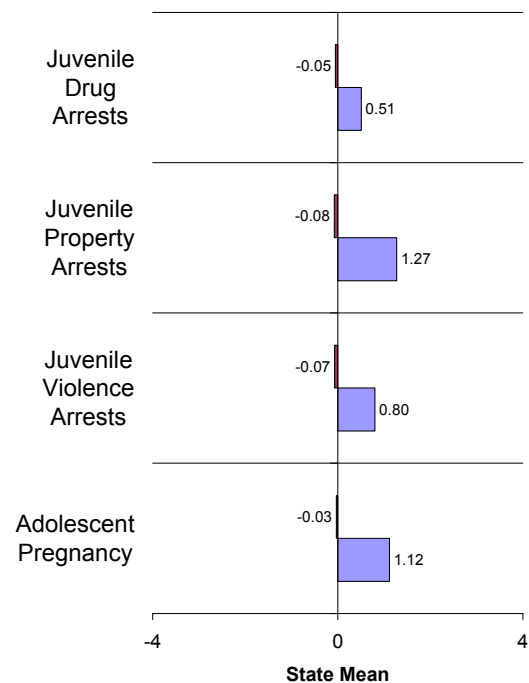
Risk Factor Scores



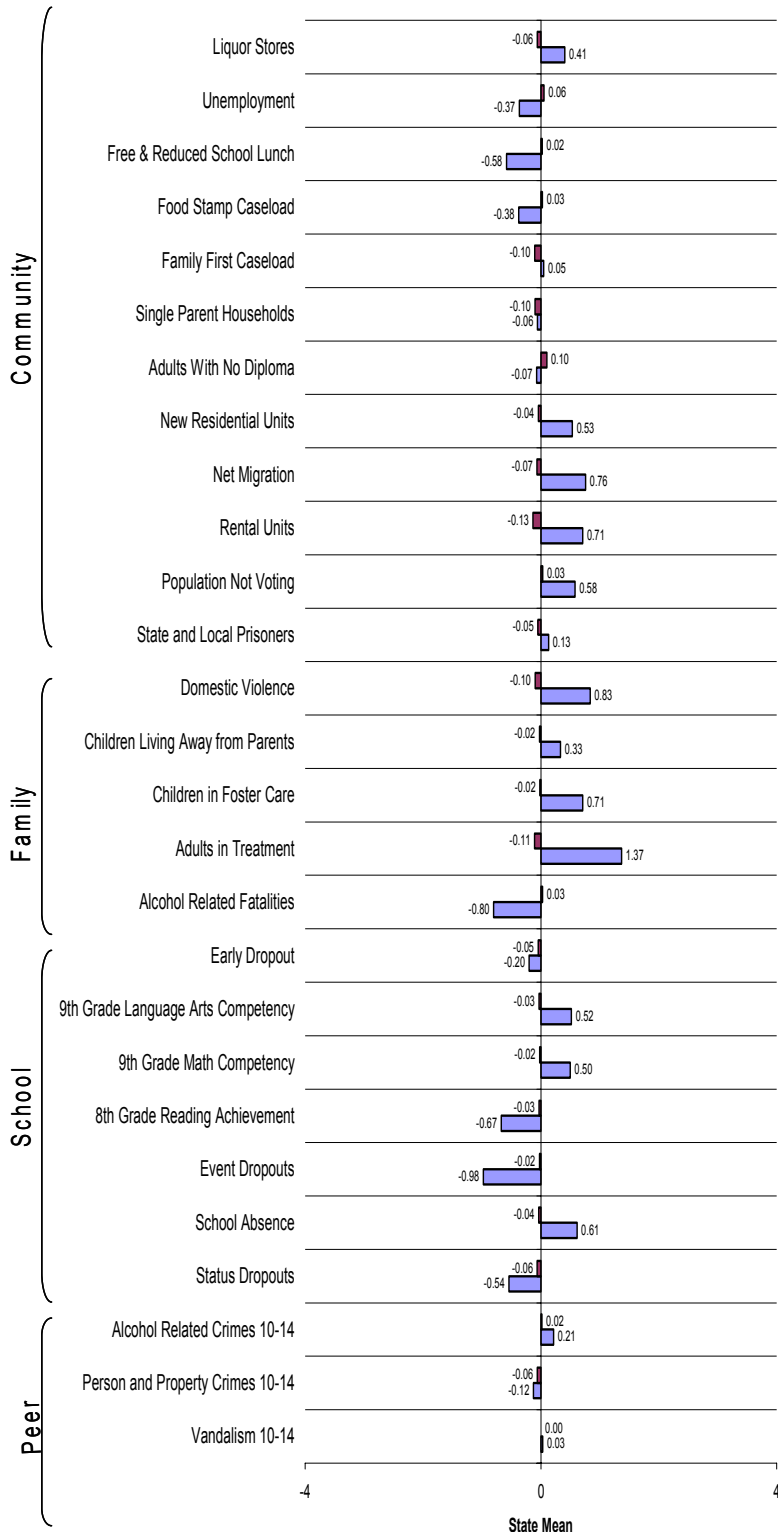
- Hamblen County's Family and Overall risk factors were high and the Community risk factor score was elevated.

- Juvenile arrests for violent and property crimes were high in Hamblen County. Adolescent pregnancies were also high and juvenile drug arrests were elevated.

Problem Behaviors



Social Indicator Variables

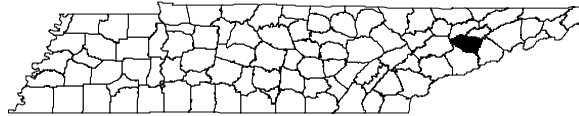


- Among Community variables in Hamblen County, the liquor store, new residential unit, net migration, rental unit, nonvoting population, and state and local prisoner rates were elevated.
- Among Family variables in Hamblen County, domestic violence and adult treatment rates were high. Children living away from parents and foster care rates were elevated.
- Performance on the 9th grade competency tests was below average in Hamblen County and absenteeism was elevated.
- The alcohol related crime rate among 10-14 year olds in Hamblen County was elevated. Otherwise, Peer related crime rates were average or below.

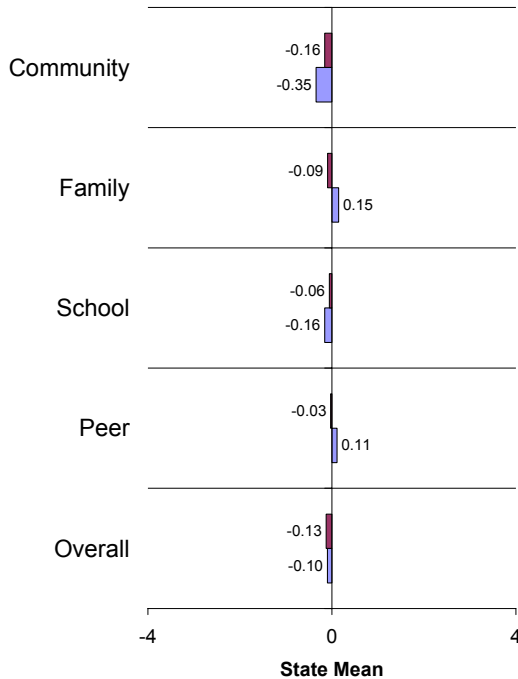
Jefferson County

Pop. 44294

Non-Metro Counties ■
Jefferson County ■



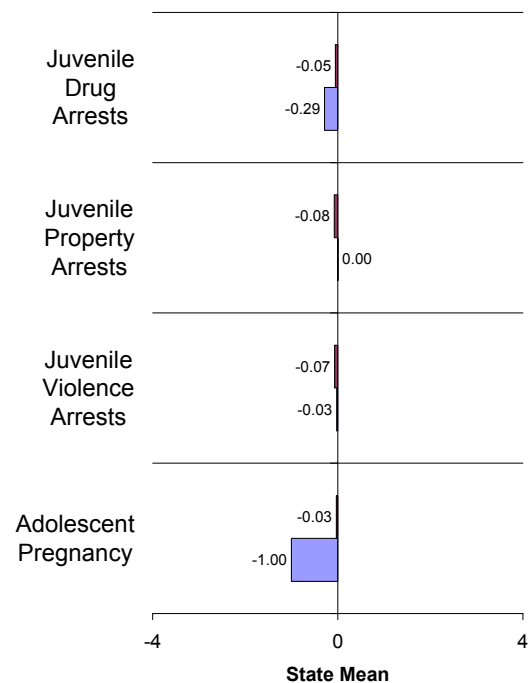
Risk Factor Scores



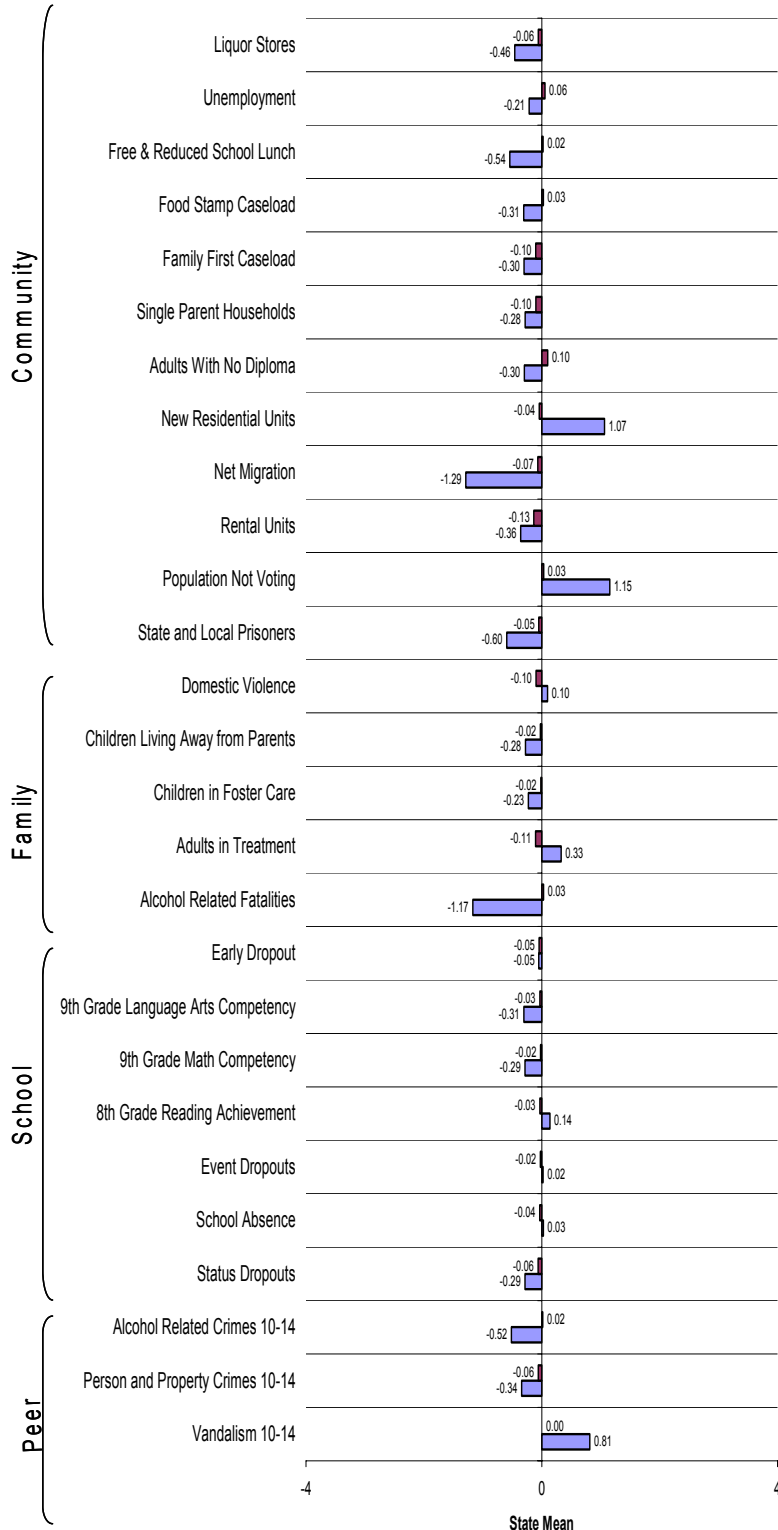
- Jefferson County's Family risk factor score was slightly elevated.

Jefferson County's problem behavior rates were average or below.

Problem Behaviors



Social Indicator Variables

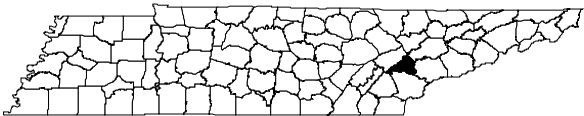


- Among Community variables in Jefferson County, the new residential unit and nonvoting population rates were high.
- Among Family variables in Jefferson County, the adult treatment rate was elevated and the domestic violence rate was slightly elevated.
- All of Jefferson County's School related variables were average or below.
- The vandalism rate among 10-14 year olds in Jefferson County was high. Other Peer related crime rates were low.

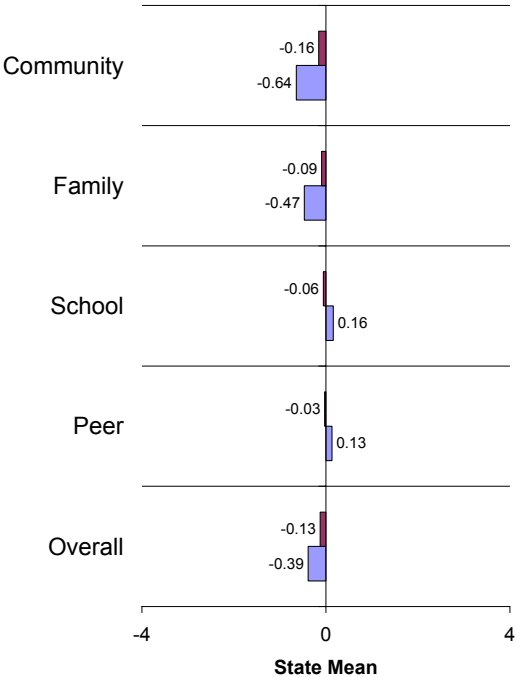
Loudon County

Pop. 39086

Non-Metro Counties ■
 Loudon County ■



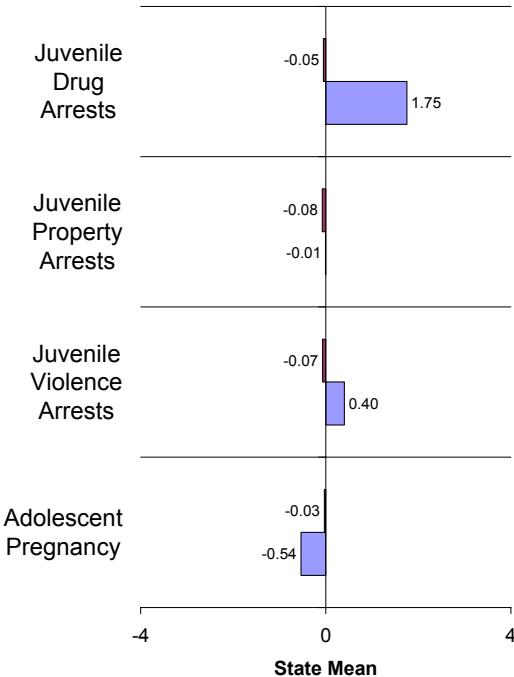
Risk Factor Scores



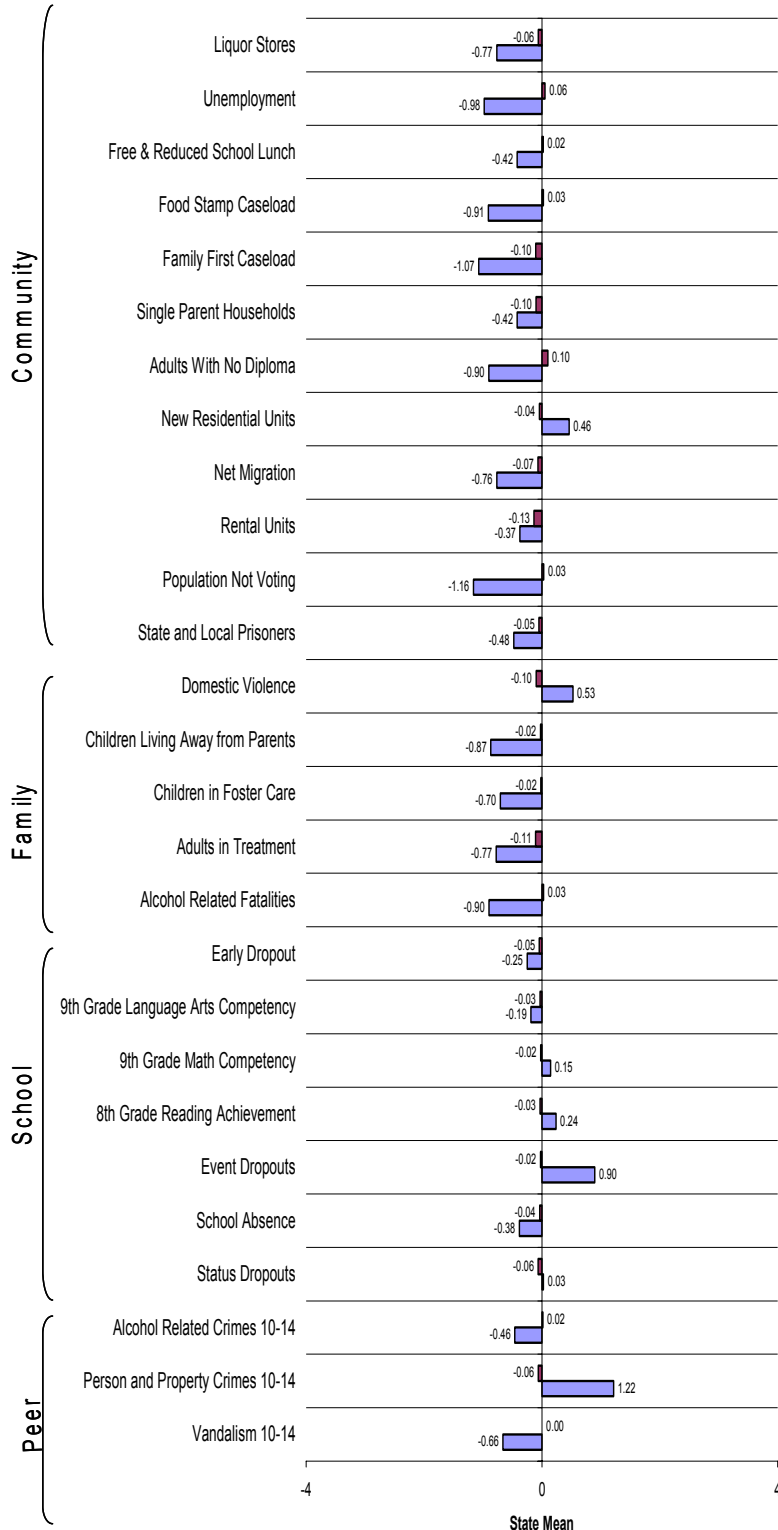
- Loudon County’s School risk factor score was slightly elevated.

- The juvenile arrest rate for drug related crimes in Loudon County was high and the rate for violent crimes was elevated. Otherwise, problem behavior rates in Loudon County were average and below.

Problem Behaviors

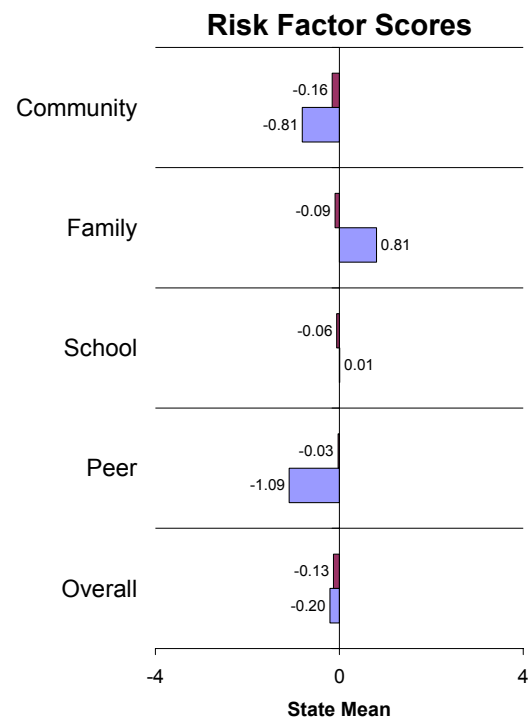
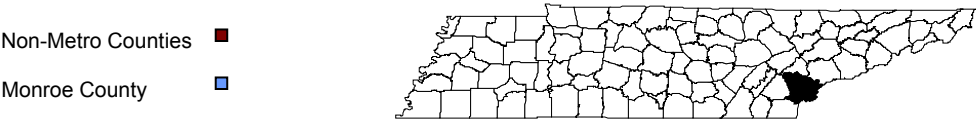


Social Indicator Variables



- Among Community variables in Loudon County, the new residential unit rate elevated
- Among Family variables in Loudon County, the domestic violence rate was elevated.
- Among Loudon County's School variables, performance in the 8th grade reading achievement test was below average and the event dropout rate was high.
- The person and property crime rate among 10-14 year olds in Loudon County was high.

Monroe County Pop. 38961

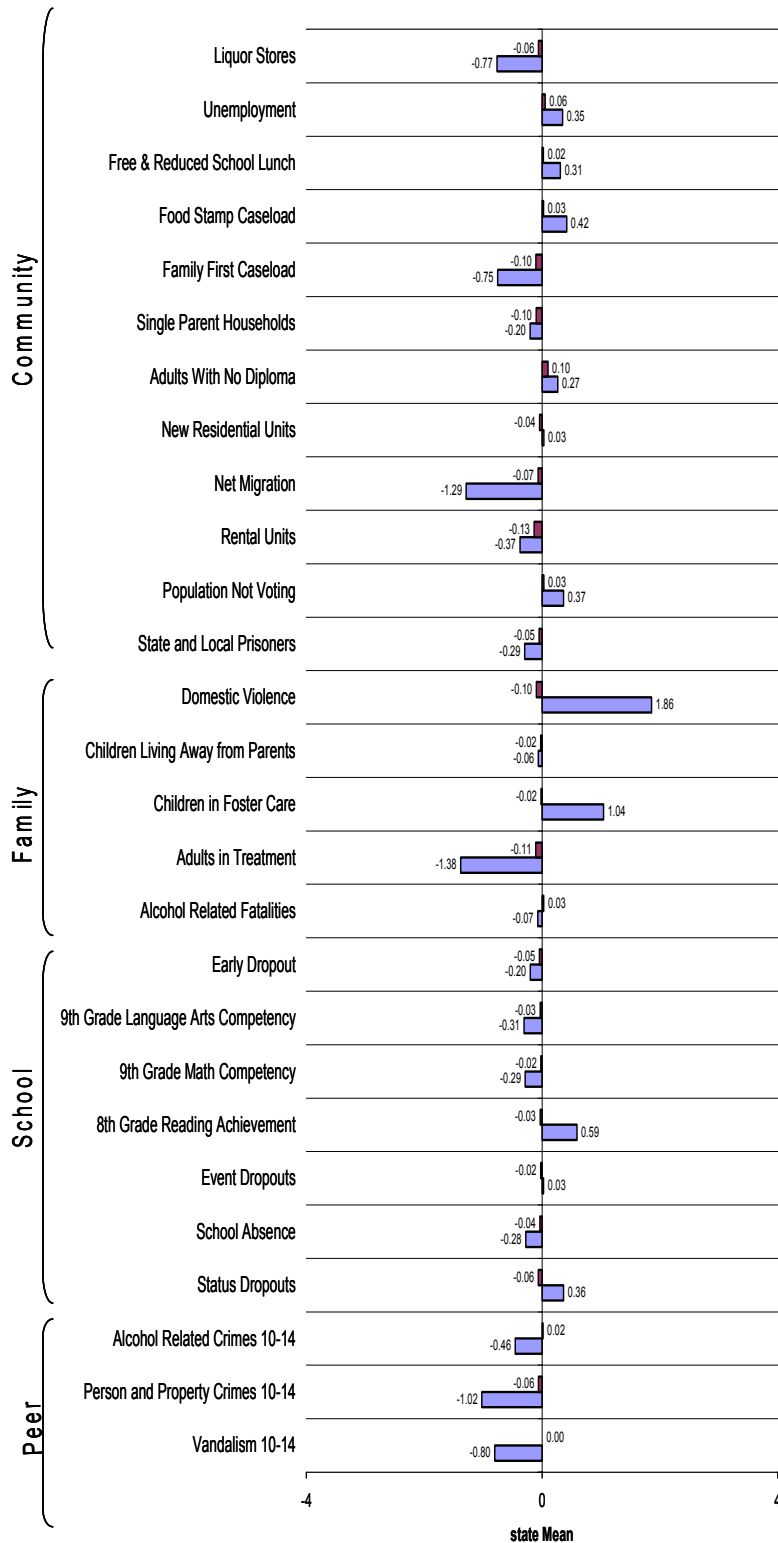


- Monroe County's Family risk factor score was high. Otherwise, Monroe County's risk factor scores were average or below.

- Monroe County was in the average range on all problem behavior rates.



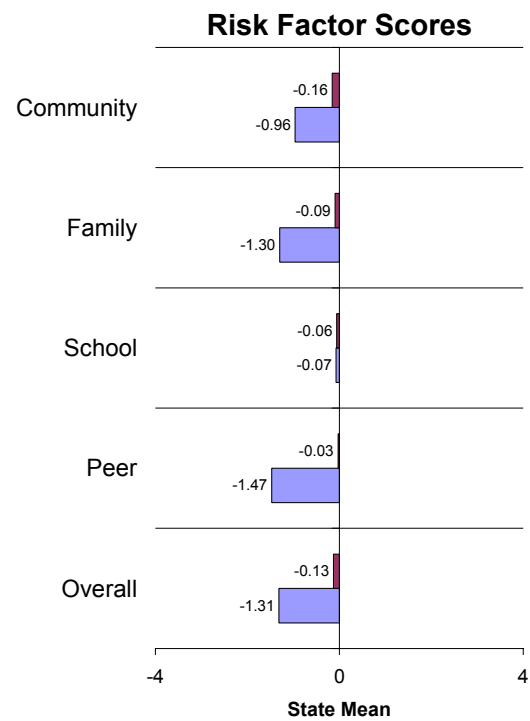
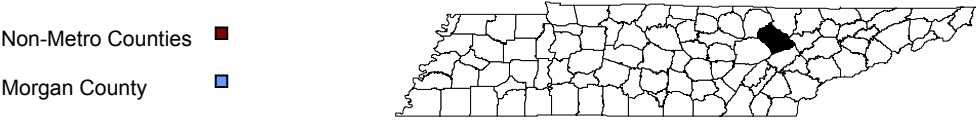
Social Indicator Variables



- Among Community variables in Monroe County, free and reduced school lunch, food stamp caseload, and nonvoting rates were elevated. The unemployment rate was slightly elevated.
- Among Family variables, Monroe County's domestic violence and foster care rates were high.
- Among School variables, Monroe County's 8th grade reading achievement was below average and the status dropout rate was elevated.
- Peer related crime rates among 10-14 year olds in Monroe County were low.

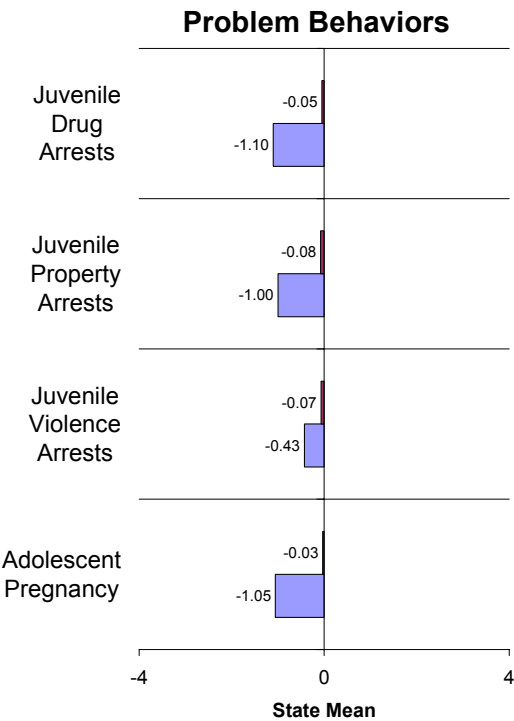
Morgan County

Pop. 19757

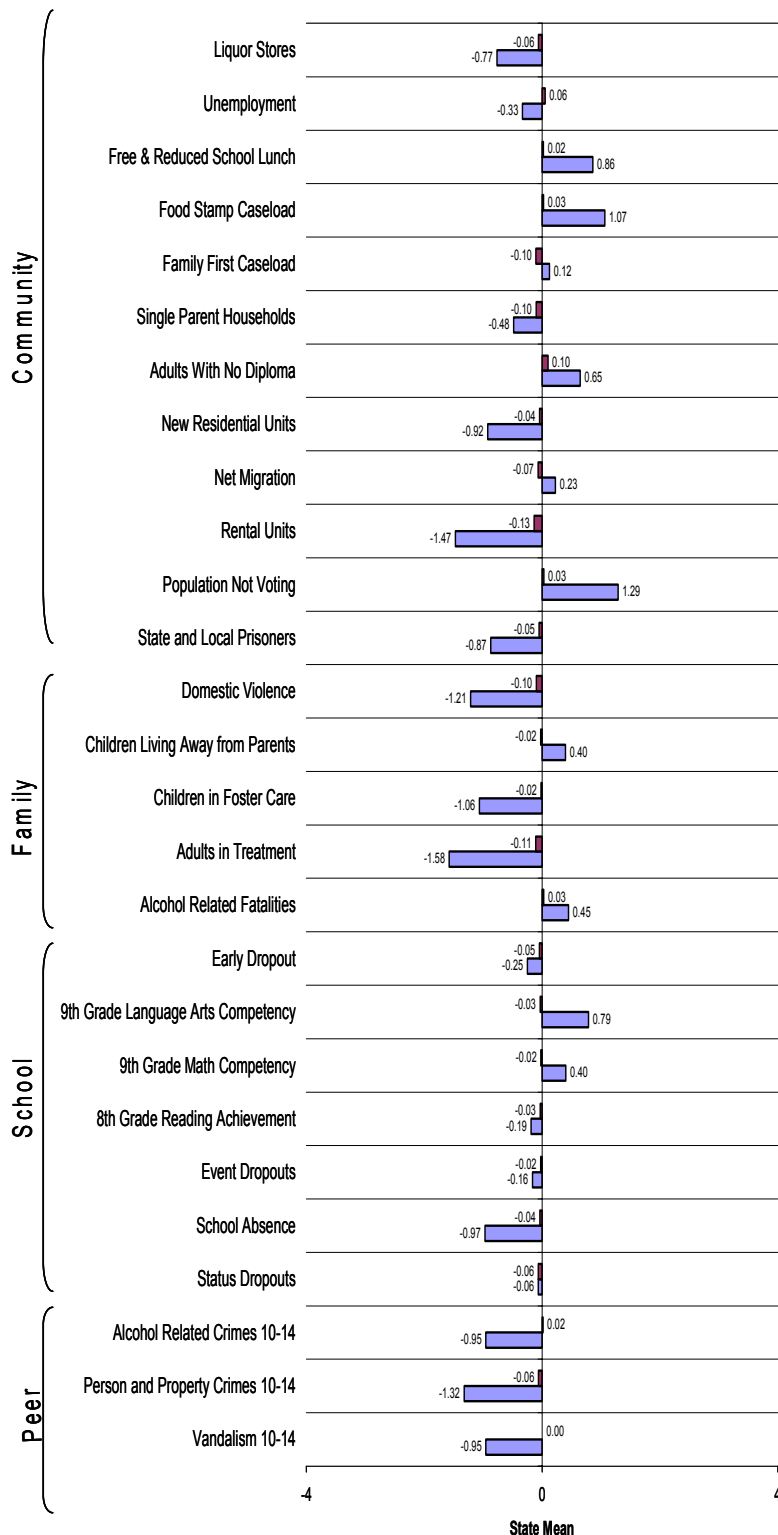


- Morgan County’s problem behavior rates were low.

- Morgan County’s School risk factor was average. Otherwise, Morgan County’s risk factor scores were low.



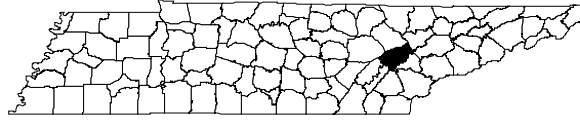
Social Indicator Variables



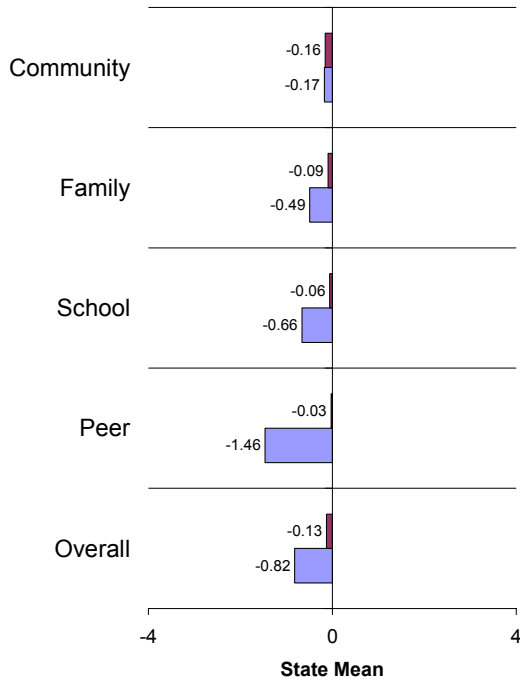
- Among Community variables in Morgan County, the free and reduced school lunch, food stamp caseload, and nonvoting rates were high. Adults without diplomas and net migration rates were elevated and the family first caseload was slightly elevated.
- Among Family variables, Morgan County's children living away from parents and alcohol related fatality rates were elevated.
- Among School variables, Morgan County's performance in the 9th grade competency tests was below average.
- Peer related crime rates among 10-14 year olds in Morgan County were low.

Roane County Pop. 51910

Non-Metro Counties ■
Roane County ■



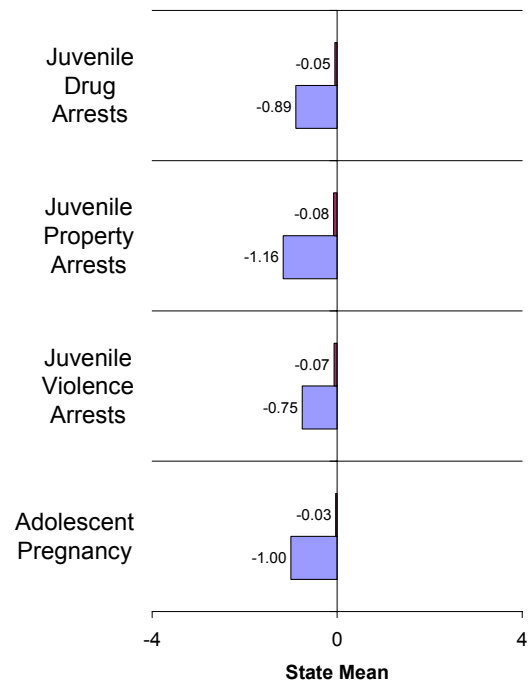
Risk Factor Scores



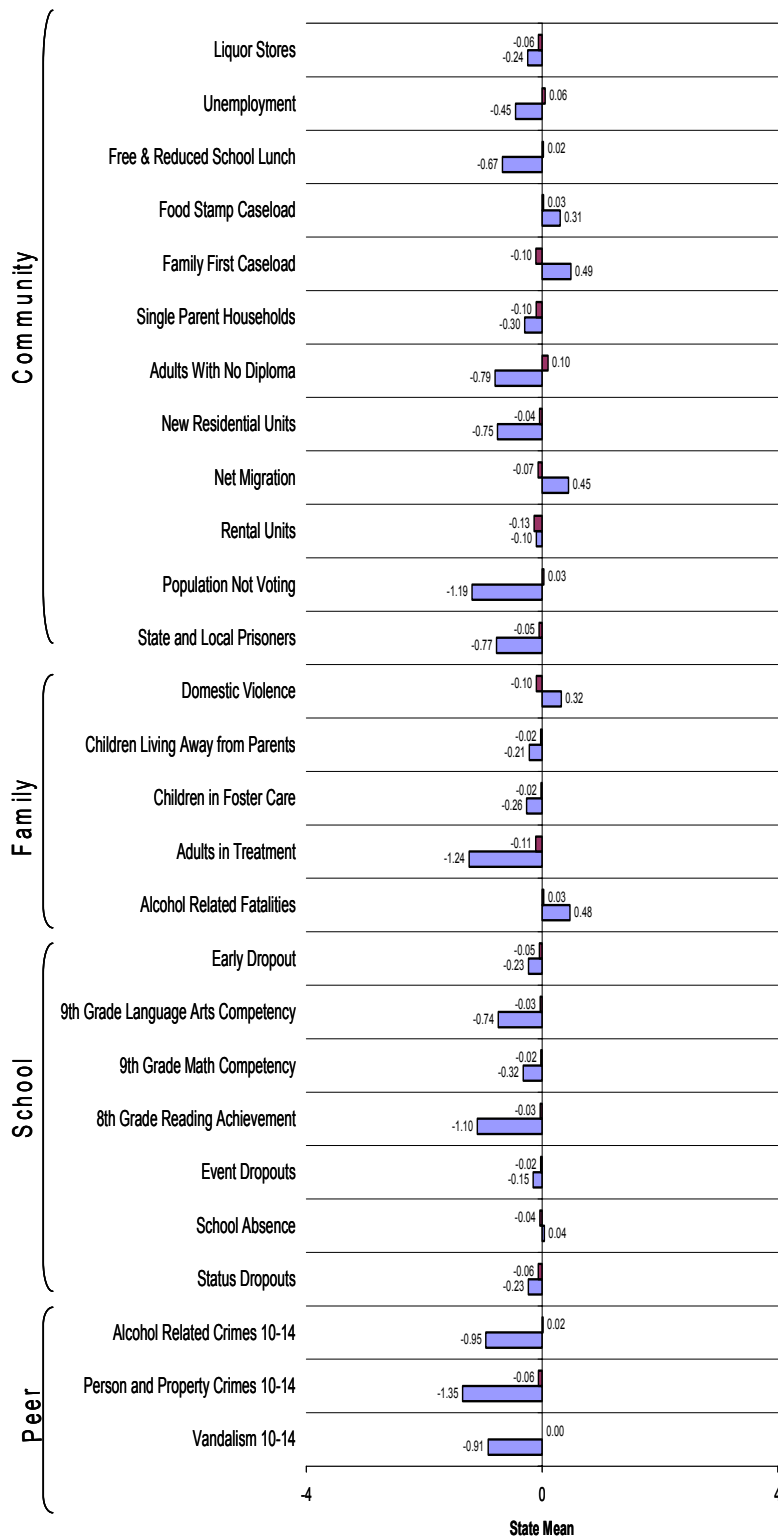
- Roane County's risk factor scores were average or below.

- Roane County's problem behavior rates were low.

Problem Behaviors



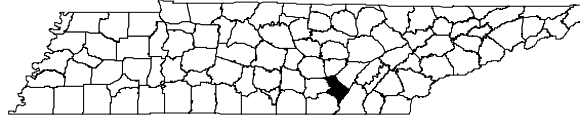
Social Indicator Variables



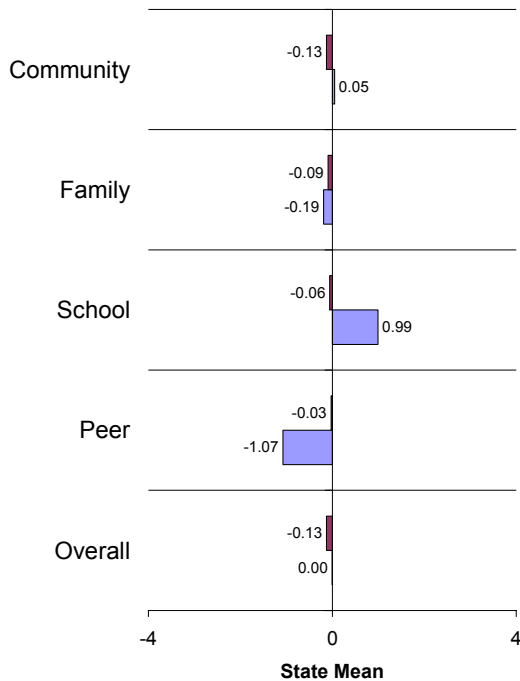
- Among Community variables, Roane County's food stamp caseload, family first caseload, and net migration rates were elevated.
- Among Family variables, Roane County's domestic violence and alcohol related fatality rates were elevated.
- Among School variables in Roane County, performance in the 9th grade competency and 8th grade achievement tests was above average. The remaining School variables were average or below.
- Peer crime rates among 10-14 year olds in Roane County were low.

Scott County Pop. 21127

Non-Metro Counties ■
Scott County ■



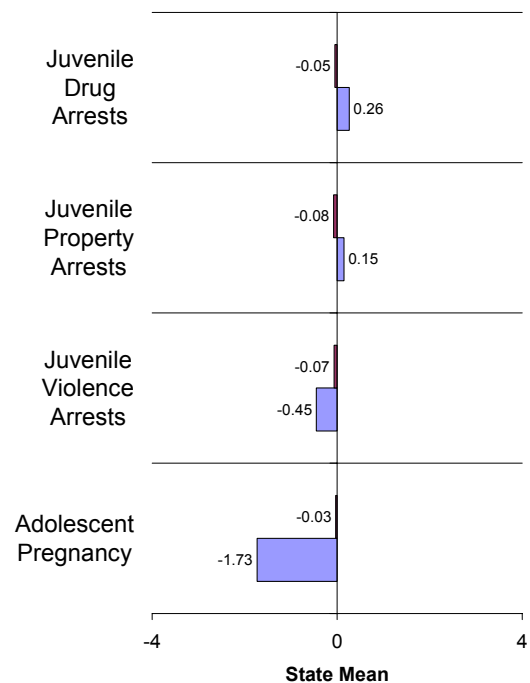
Risk Factor Scores



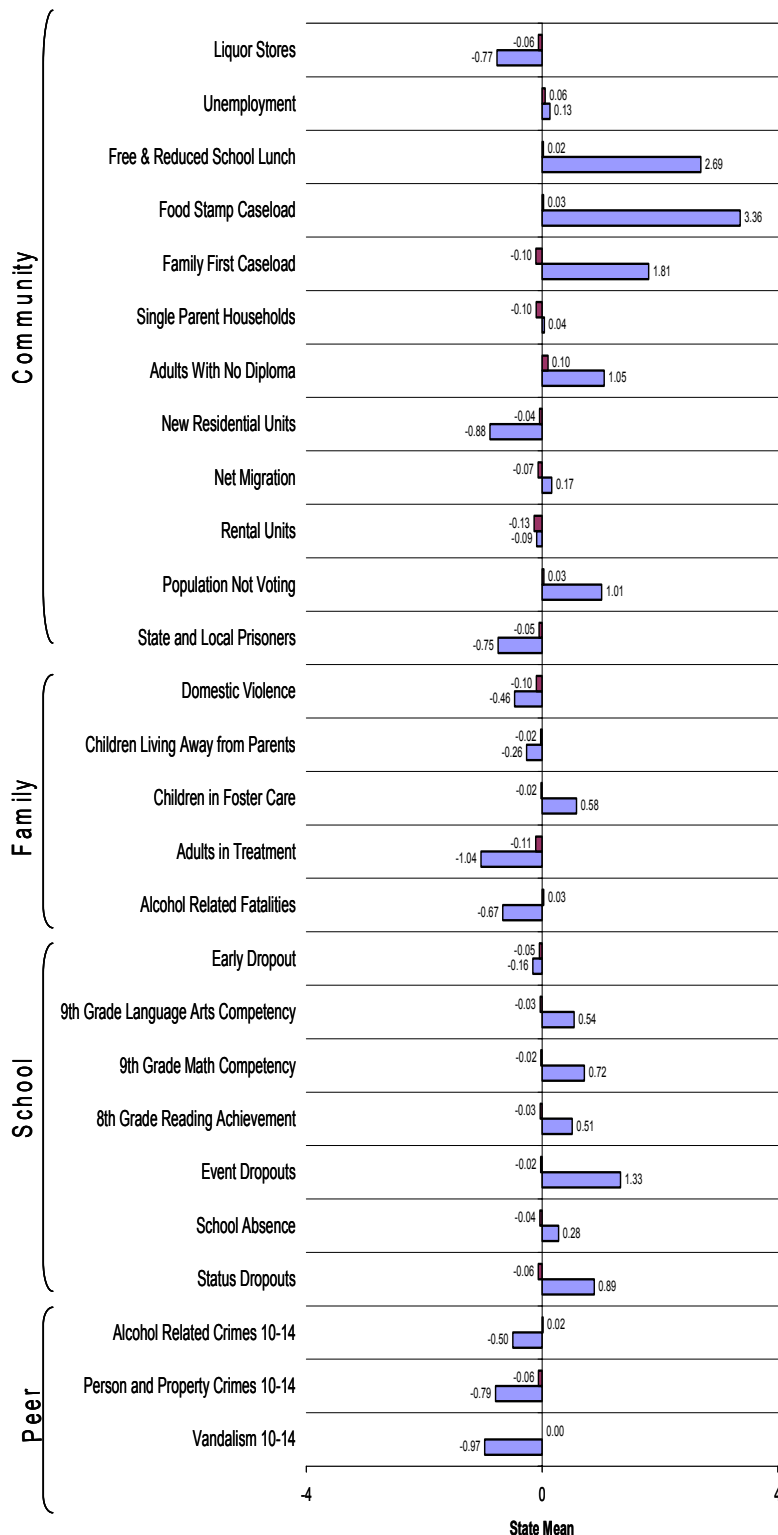
- Scott County's School risk factor was high. Otherwise, Scott County's risk factor scores were average or below.

- Scott County's juvenile arrest rate was elevated for drug related crimes and slightly elevated for property crimes. Otherwise, Scott County's problem behavior rates were low.

Problem Behaviors



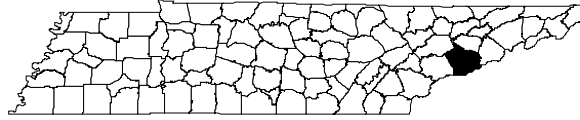
Social Indicator Variables



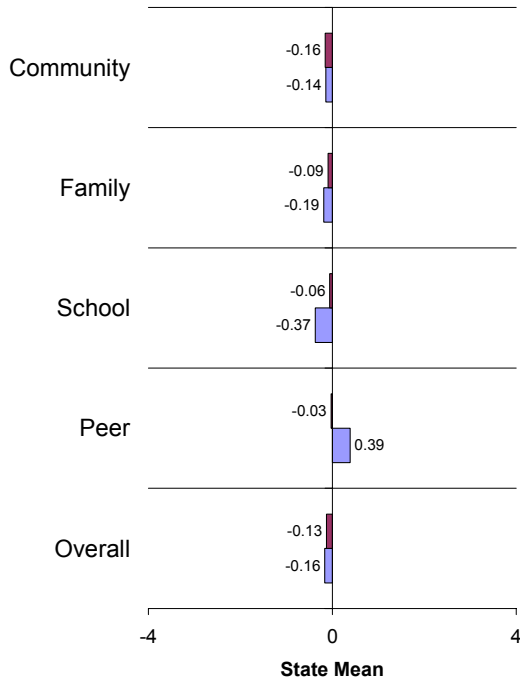
- Among Community variables in Scott County, the food stamp caseload was extremely high and the free and reduced lunch rate was very high. The family first caseload, adults without diplomas, and nonvoting rates were high. The net migration rate was slightly elevated.
- Among Family variables in Scott County, the foster care rate was elevated.
- Among School variables in Scott County, performance in the 9th grade competency and 8th grade achievement tests was below average. The event and status dropout rates were high and the absenteeism was elevated.
- Peer related crime rates among 10-14 year olds in Scott County were low.

Sevier County Pop. 71170

Non-Metro Counties ■
Sevier County ■



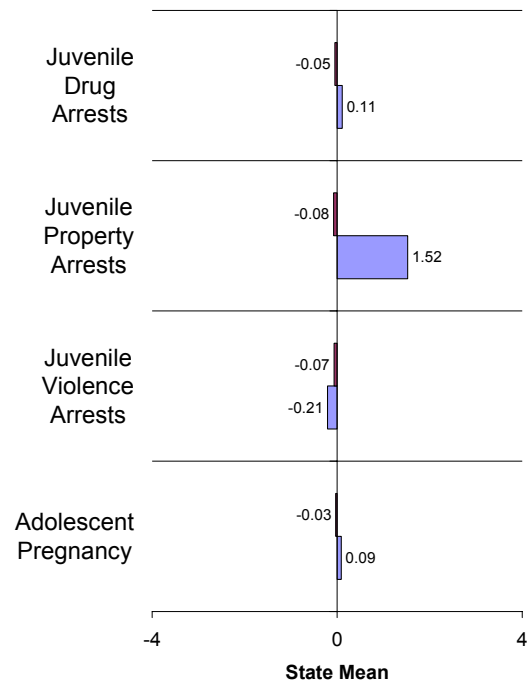
Risk Factor Scores



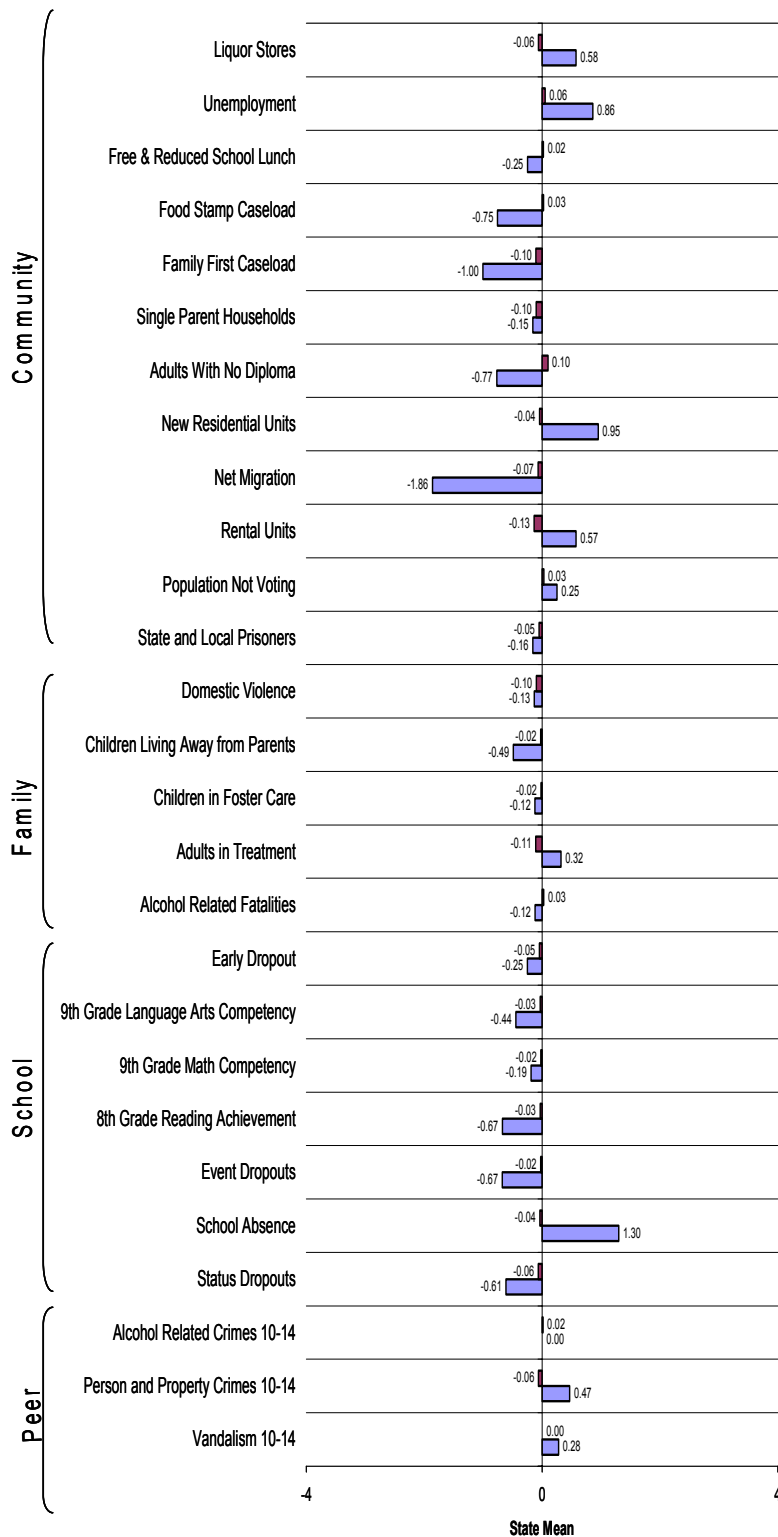
- Sevier County's Peer risk factor score was elevated. Otherwise, Sevier County's risk factor scores were average or below.

- Sevier County's juvenile arrest rate for property crimes was high. Otherwise, Sevier County's problem behavior rates were average or below.

Problem Behaviors



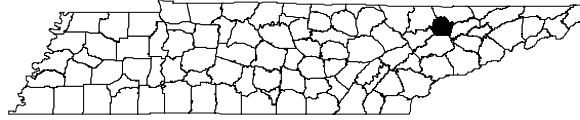
Social Indicator Variables



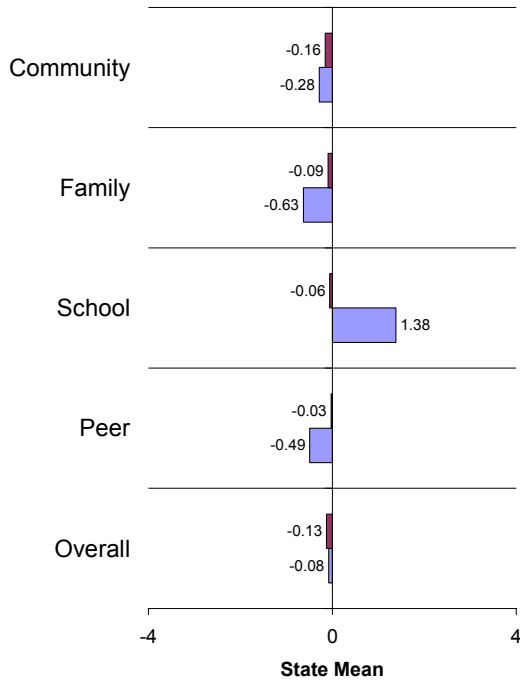
- Among Community variables in Sevier County, the unemployment and new residential unit rates were high. The liquor store and rental unit rates were elevated and nonvoting was slightly elevated.
- Among Family variables in Sevier County, the adult treatment rate was high. Sevier County's other Family variables were average or below.
- Among School variables, Sevier County's absenteeism rate was high. Otherwise, Sevier County's School variables were average or below.
- The vandalism and person and property crime rates among 10-14 year olds in Sevier County were elevated.

Union County Pop. 17808

Non-Metro Counties ■
Union County ■



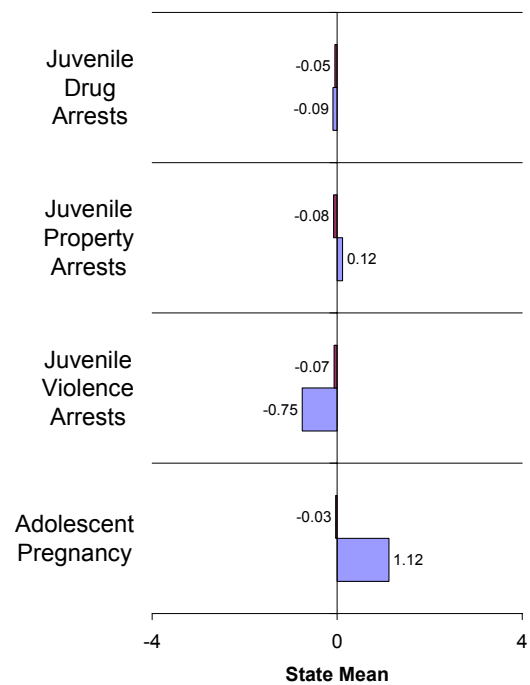
Risk Factor Scores



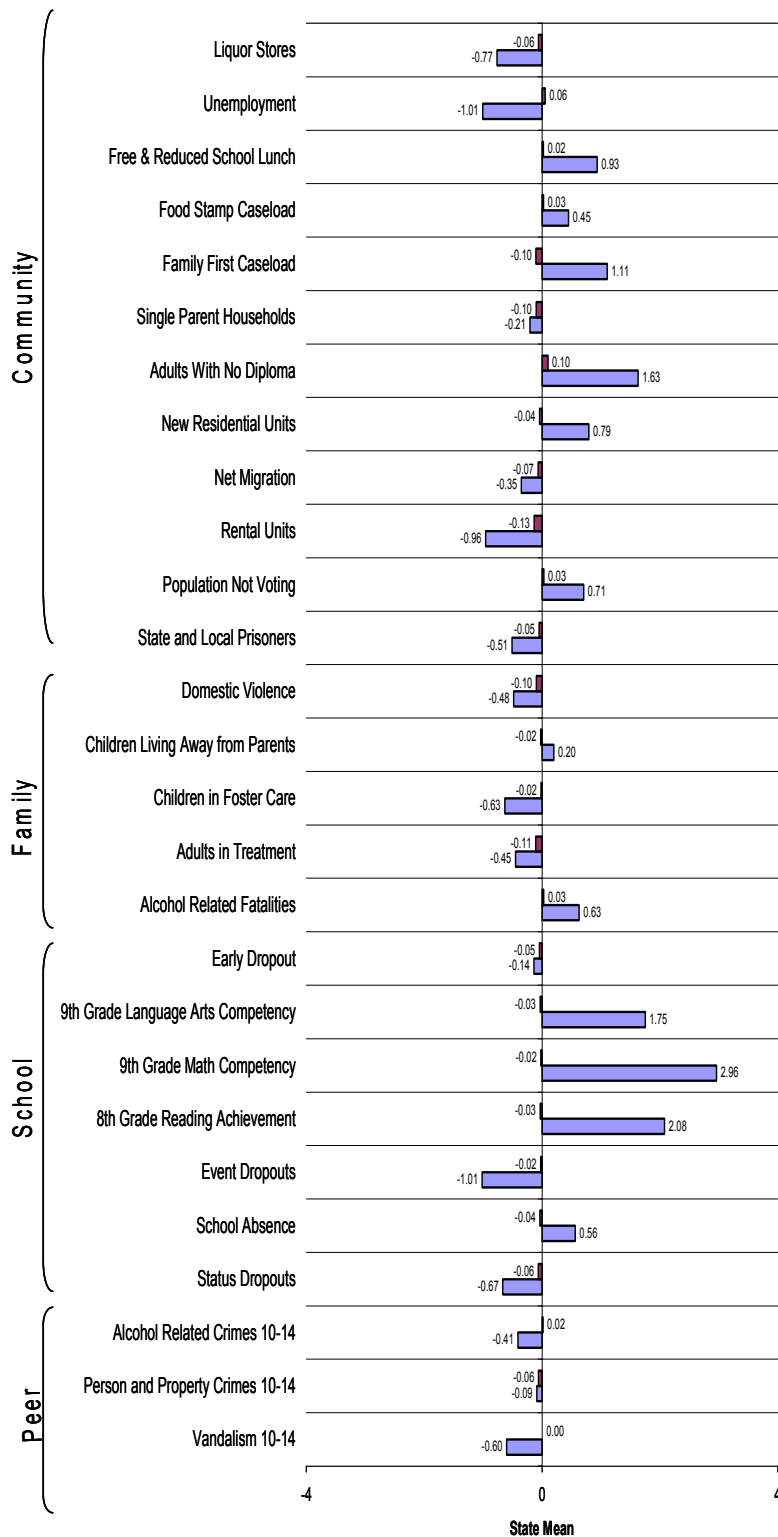
- Union County's School risk factor score was high. Otherwise, Union County's risk factor scores were average or below.

- Union County's adolescent pregnancy rate was high and juvenile property crime arrests were elevated.

Problem Behaviors



Social Indicator Variables

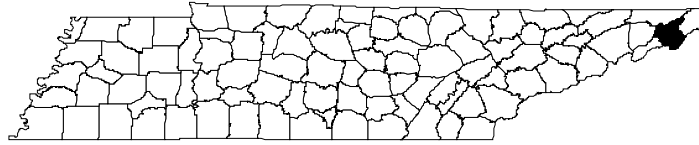


- Among Community variables in Union County, the free and reduced school lunch, family first caseload, and adults without diplomas rates were high. The food stamp caseload, new residential unit, and nonvoting population rates were elevated.
- Among Family variables in Union County, the alcohol related fatality rate was elevated and children living away from parents was slightly elevated.
- Among School variables in Union County, performance in the 9th grade competency and 8th grade achievement tests was very poor and absenteeism was elevated.
- Peer related crime rates in Union County were average or below.

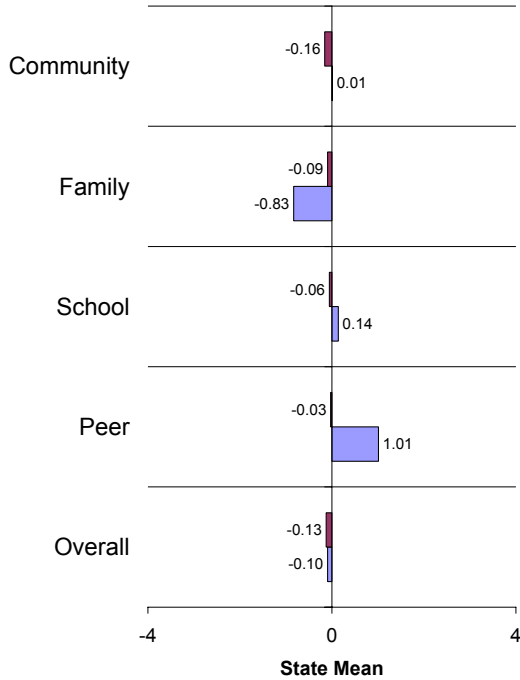
Northeast Region

Carter County Pop. 56742

Non-Metro Counties ■
Carter County ■



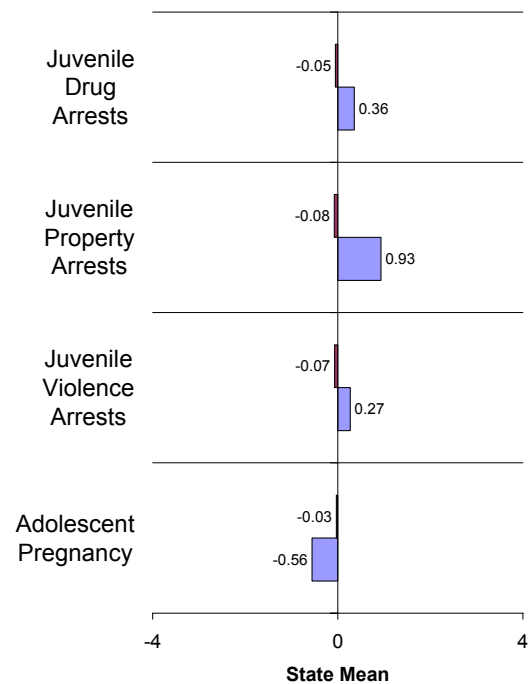
Risk Factor Scores

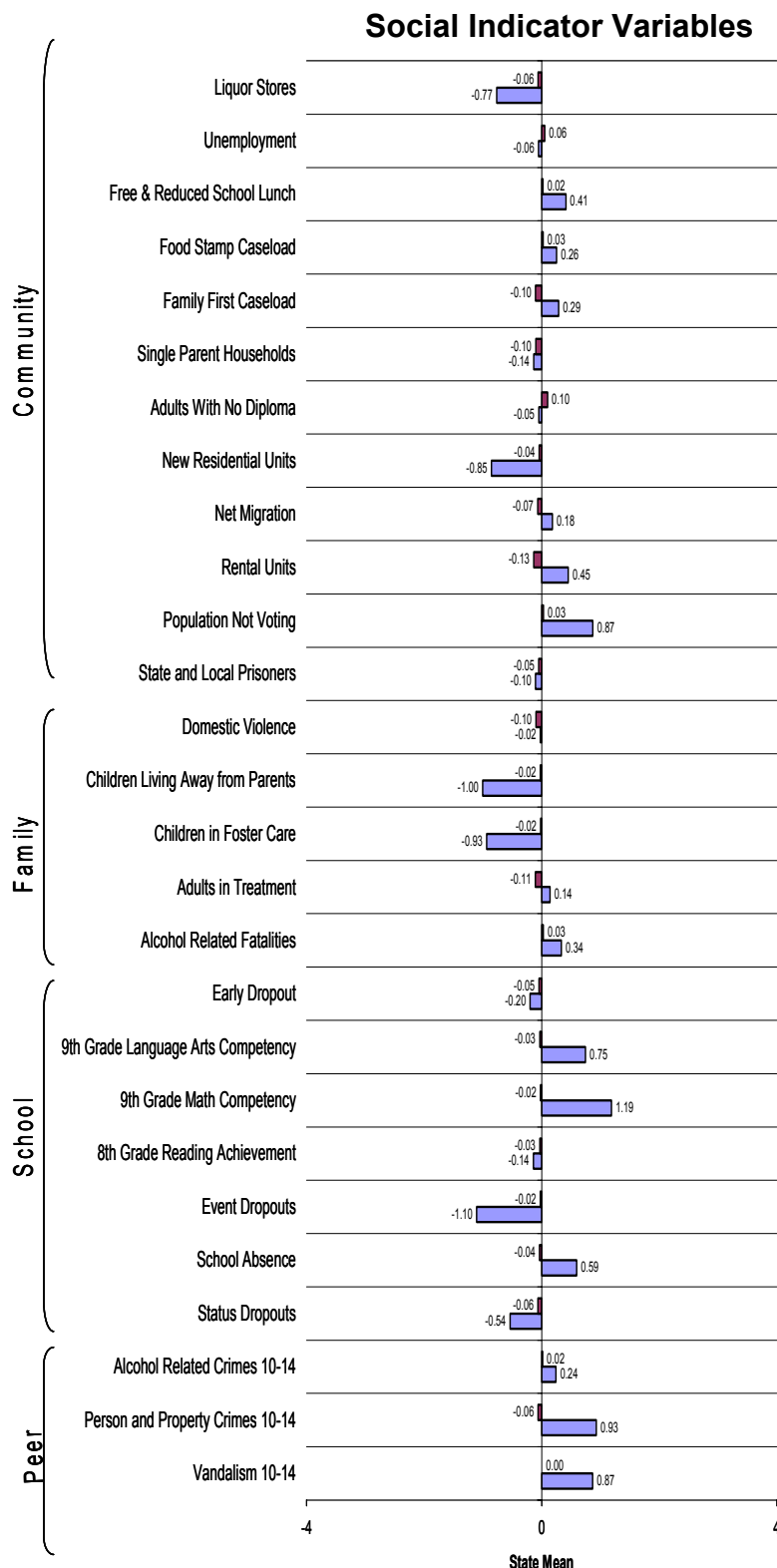


- Carter County's Peer risk factor score was high and the School risk factor score was slightly elevated.

- Juvenile property crime arrests were high in Carter County and juvenile drug and violence arrest rates were elevated.

Problem Behaviors





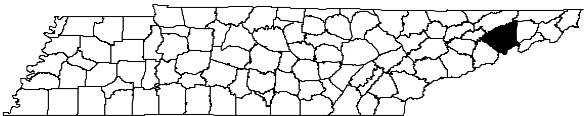
- Among Community variables, Carter County's nonvoting rate was high. Rates for free and reduced school lunch, food stamp and family first caseloads, net migration, and rental units were elevated.
- Among Family variables, Carter County's alcohol related fatalities and adult treatment rates were elevated.
- Performance on the 9th grade competency tests was poor and absenteeism was elevated.
- The 10-14 year old vandalism and person and property crime rates in Carter County were high and the alcohol related crime rate was slightly elevated.

Greene County

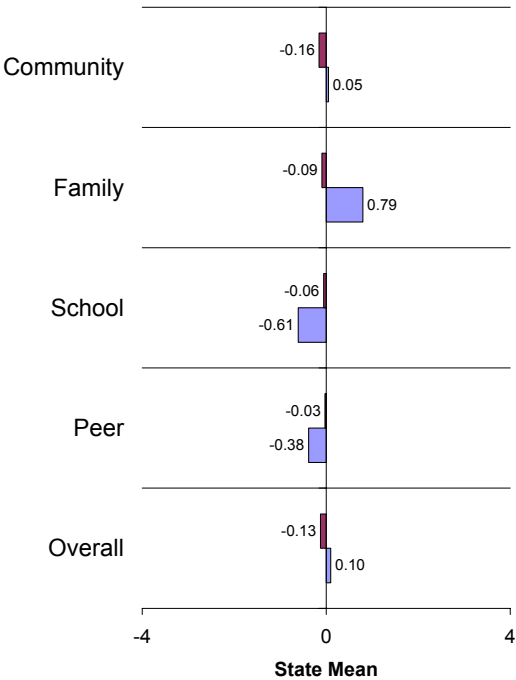
Pop. 62909

Non-Metro Counties ■

Greene County ■



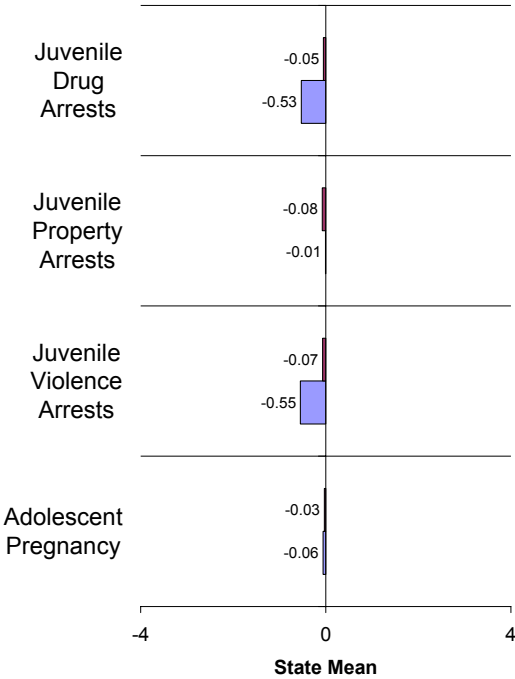
Risk Factor Scores



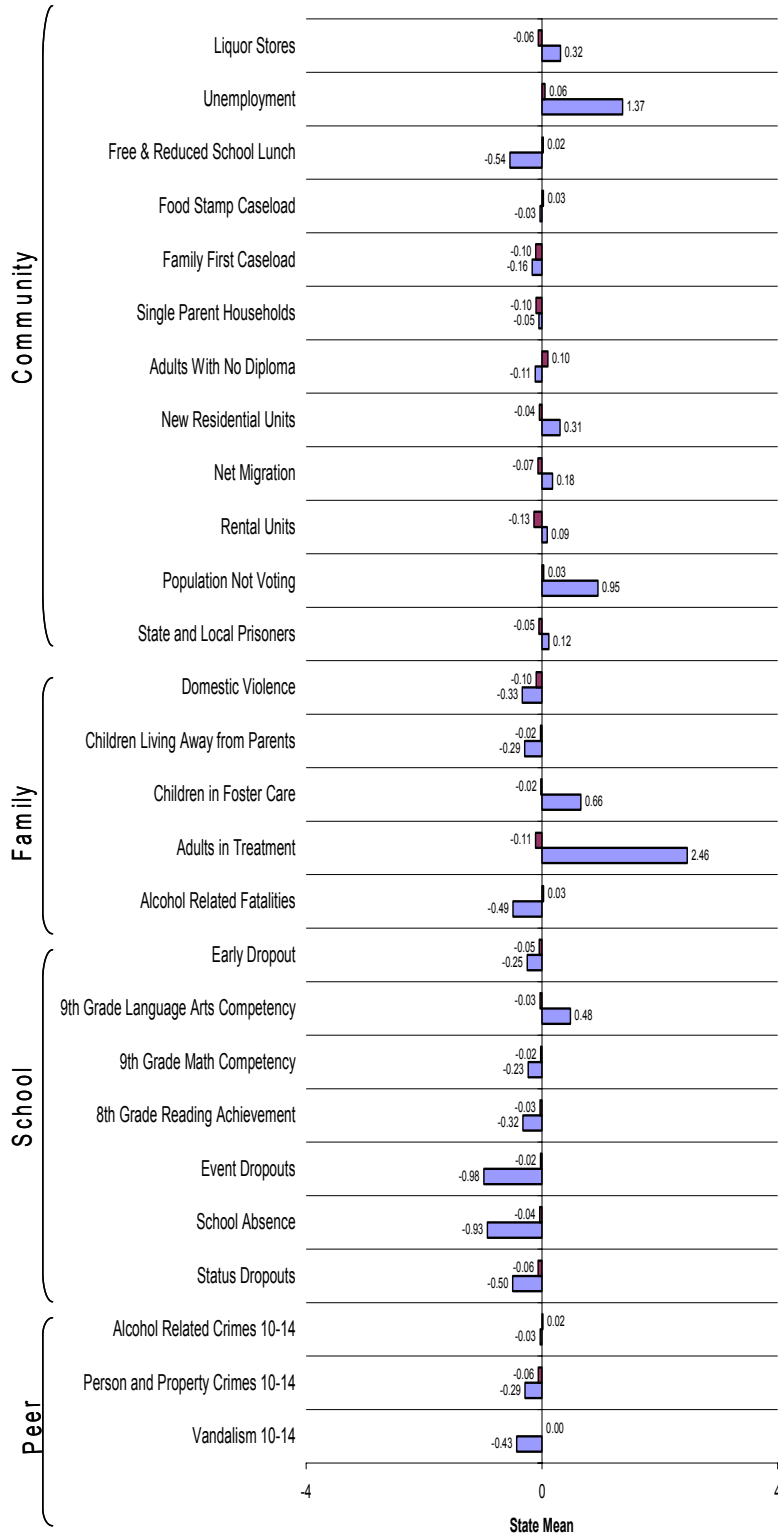
- Greene County's Family risk factor score was elevated and the Community and Overall risk factor scores were slightly elevated.

- Greene County's problem behavior rates were average or below.

Problem Behaviors



Social Indicator Variables

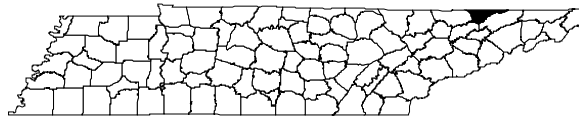


- Among Community variables, Greene County's unemployment and nonvoting rates were high. Liquor stores and new residential units were elevated, and net migration and rental units were slightly elevated.
- Among Family variables in Greene County, the foster care rate was elevated and the adult treatment rate was very high.
- Performance on the 9th grade language arts competency test was below average. Otherwise, test performance was good and absenteeism and dropout rates were below average.
- Peer related crime rates among 10-14 year olds in Greene County were average or below.

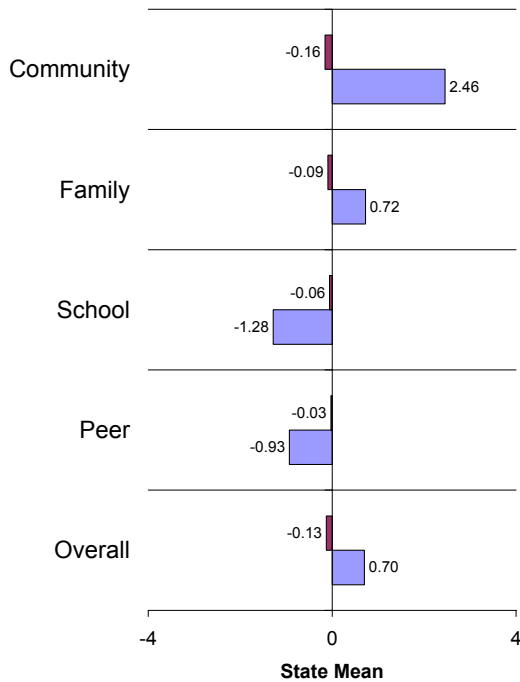
Hancock County

Pop. 6786

Non-Metro Counties ■
Hancock County ■



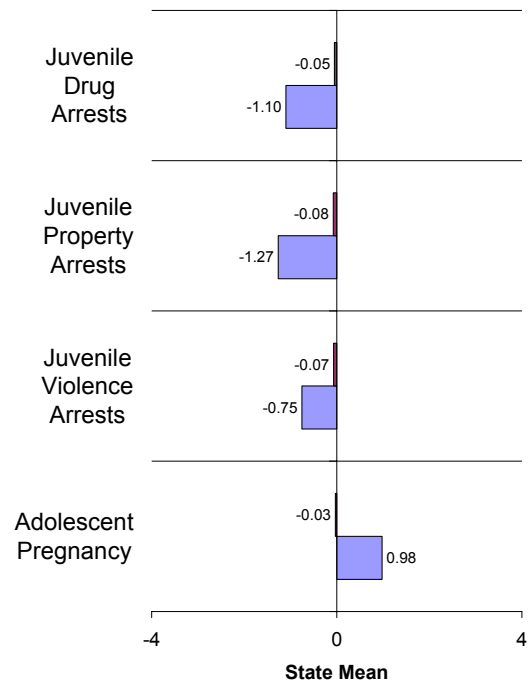
Risk Factor Scores



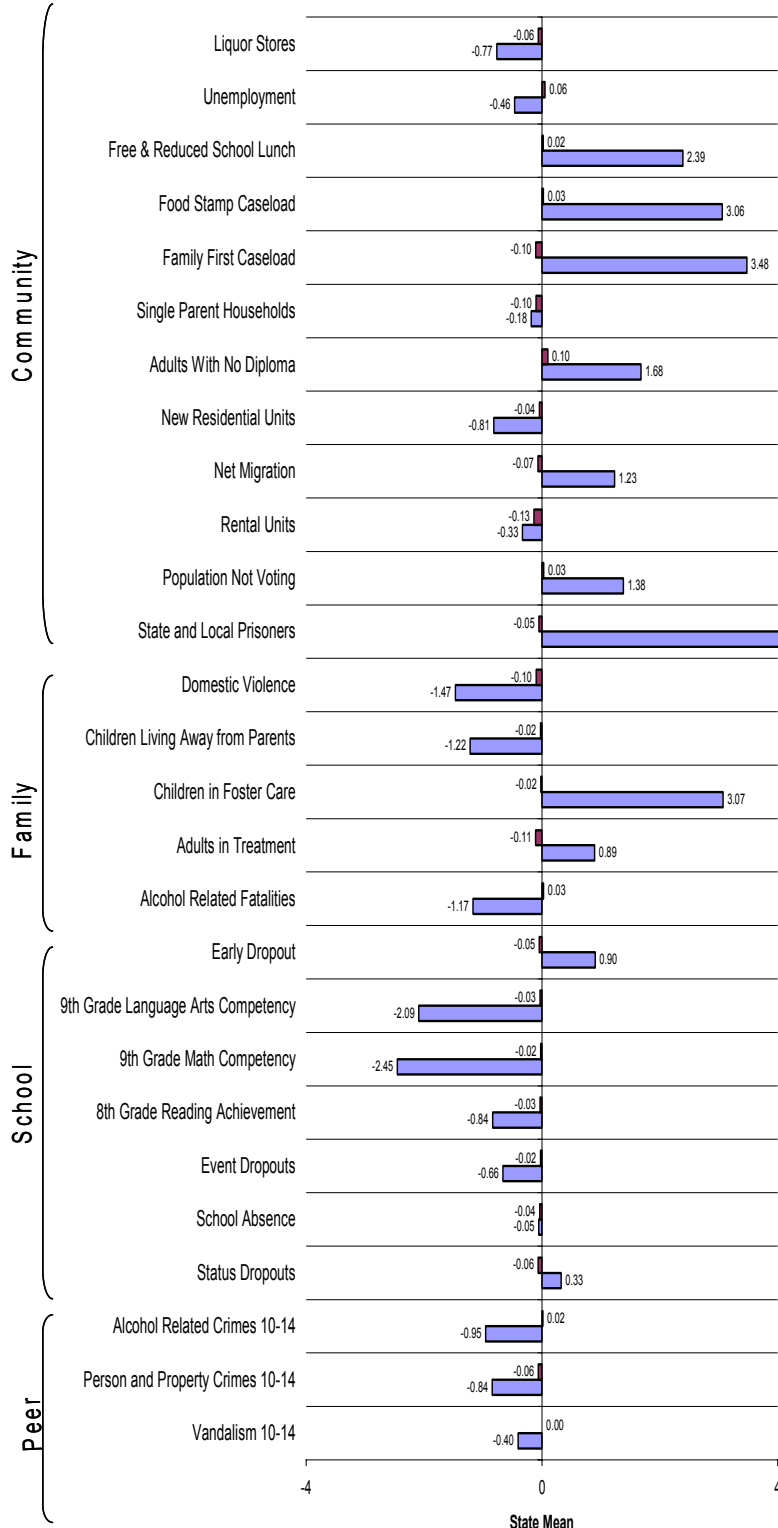
- Hancock County's Community risk factor score was very high and the Family and Overall risk factors were elevated.

- The Adolescent Pregnancy rate was high. Otherwise, Hancock County's problem behavior rates were low.

Problem Behaviors



Social Indicator Variables

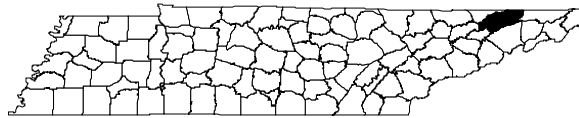


- Among Community variables, Hancock County's state and local prisoner, food stamp and family first caseload rates were extremely high. The free and reduced lunch rate was very high and the adults without diplomas, net migration, and nonvoting rates were high.
- Among Family variables, Hancock County's foster care rate was extremely high and the adult treatment rate was high. Otherwise, Hancock County family variables were low.
- Hancock County's early dropout rate was high and the status dropout rate was elevated. However, performance on competency and achievement tests was very good and other school variables were low.
- Peer related crime rates among 10-14 year olds in Hancock County were low.

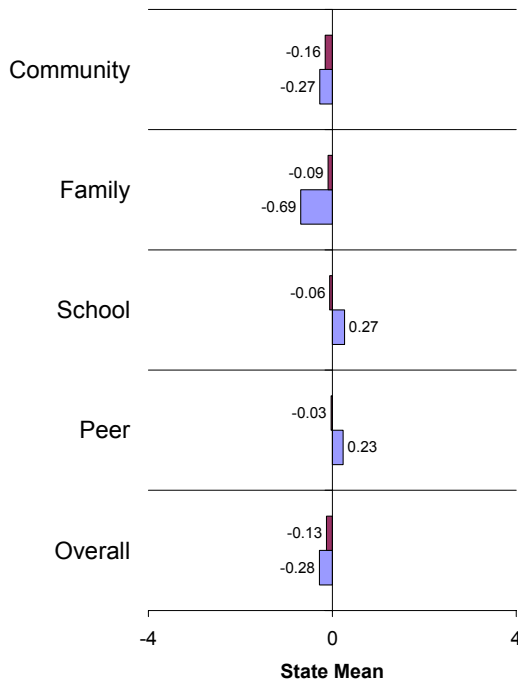
Hawkins County

Pop. 53563

Non-Metro Counties ■
Hawkins County ■



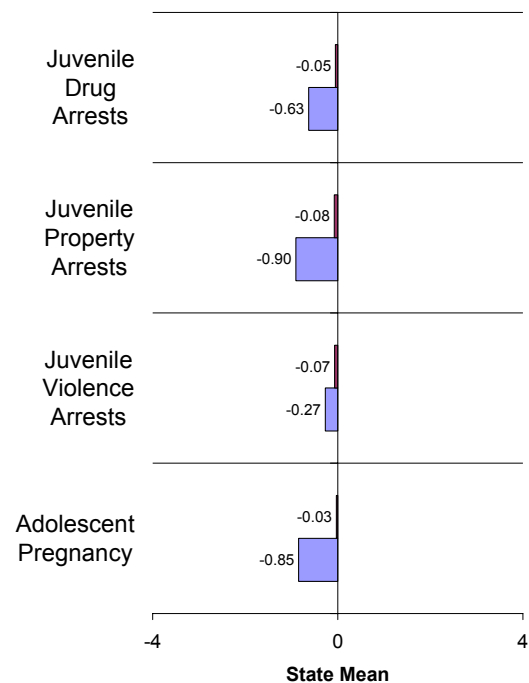
Risk Factor Scores



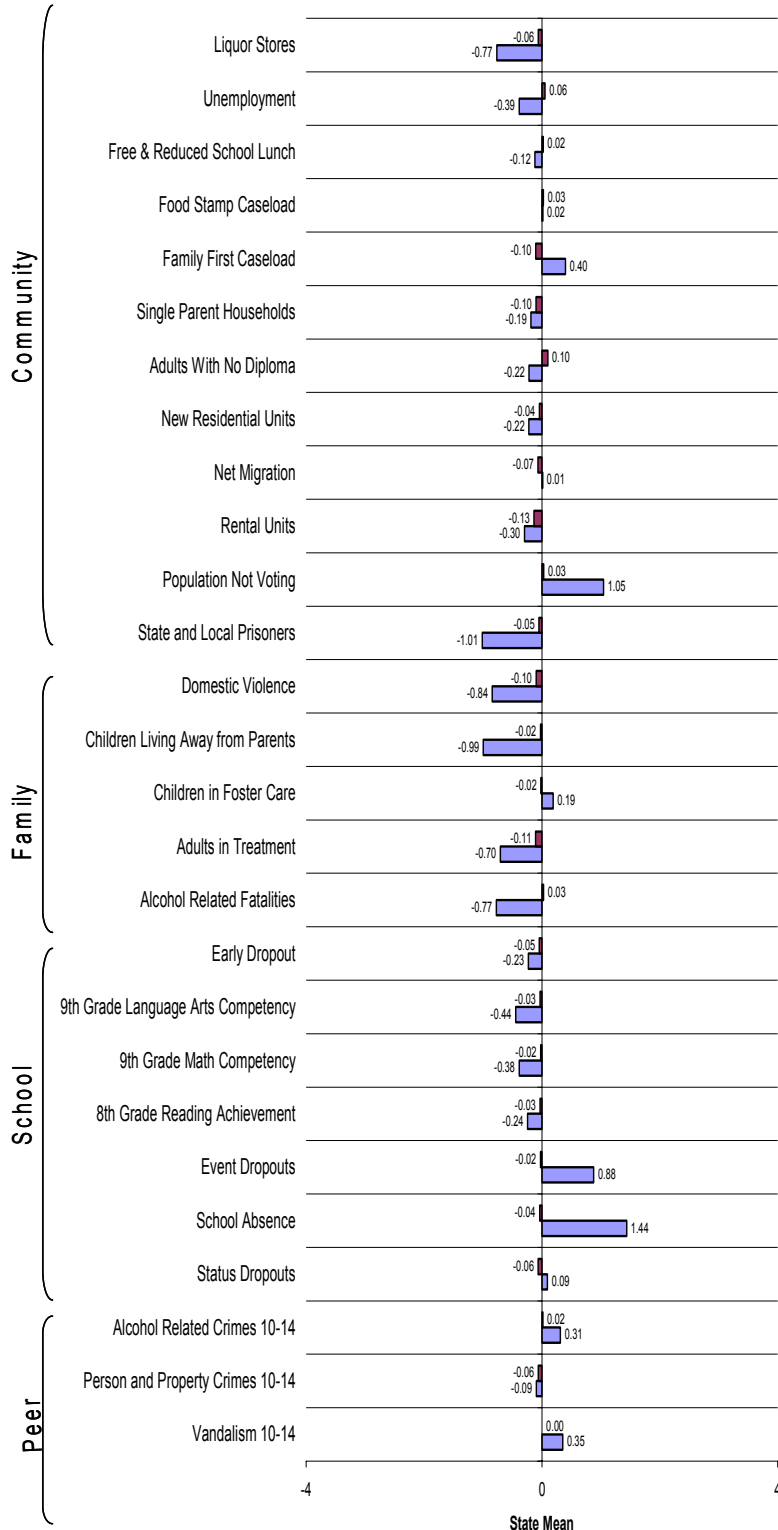
- Hawkins County's School and Peer risk factor scores were elevated. All other risk factor scores were average or below.

- Hawkins County was low on all problem behavior rates.

Problem Behaviors



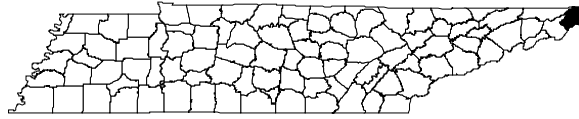
Social Indicator Variables



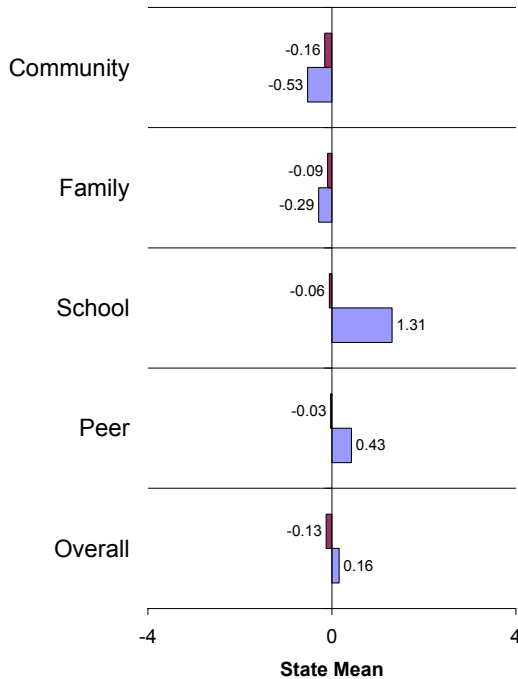
- Hawkins County's nonvoting rate was high and the family first caseload was elevated.
- Among Family variables, Hawkins County's foster care rate was slightly elevated.
- Among School variables, Hawkins County's absenteeism and event dropout rates were high.
- Vandalism and alcohol-related crime rates among 10-14 year olds in Hawkins County were elevated.

Johnson County Pop. 17499

Non-Metro Counties ■
Johnson County ■



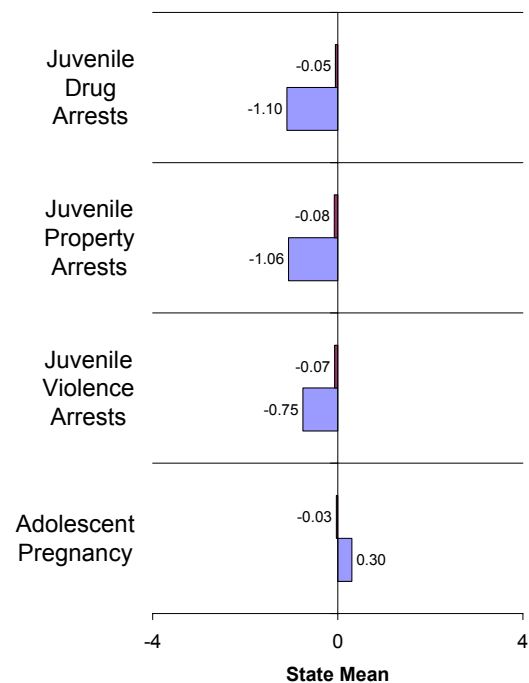
Risk Factor Scores



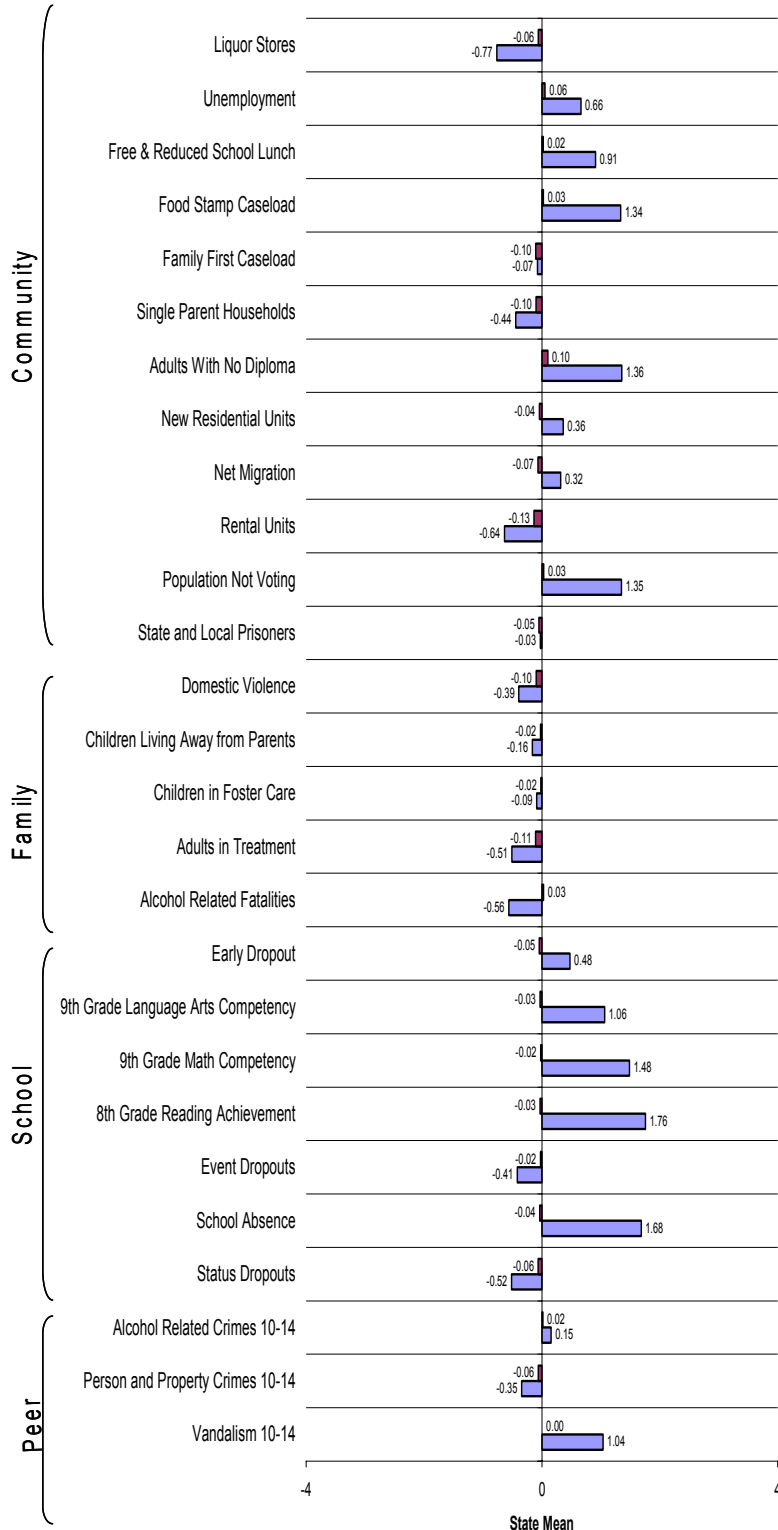
- Johnson County's School risk factor score was high. The Peer and Overall risk factor scores were elevated.

- Johnson County's adolescent pregnancy rate was elevated. Otherwise, the problem behavior rates for Johnson County were low.

Problem Behaviors



Social Indicator Variables

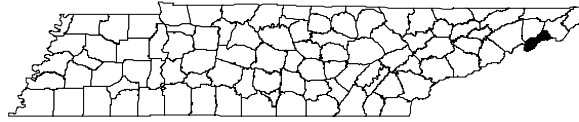


- Among Community variables, Johnson County's free and reduced school lunch, food stamp caseload, adults without diplomas, and nonvoting rates were high. Unemployment, new residential units and net migration were also elevated.
- Johnson County's Family variables were low.
- Johnson County's performance on the 9th grade competency and the 8th grade achievement tests was poor and absenteeism was high. The early dropout rate was elevated.
- The vandalism rate among 10-14 year olds in Johnson County was high.

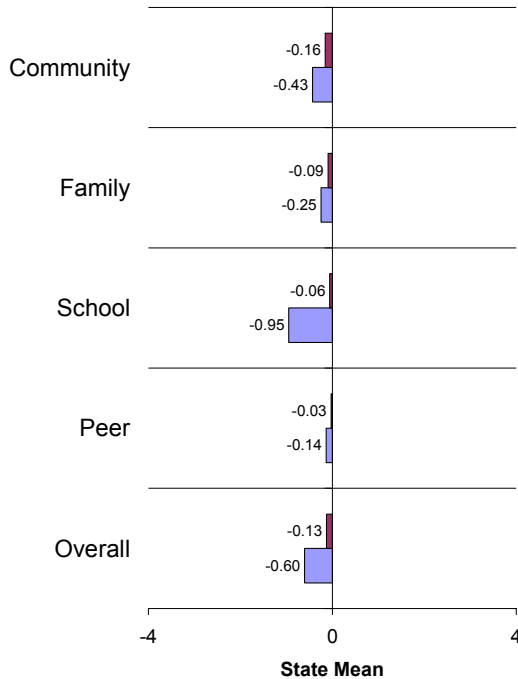
Unicoi County

Pop. 17667

Non-Metro Counties ■
Unicoi County ■



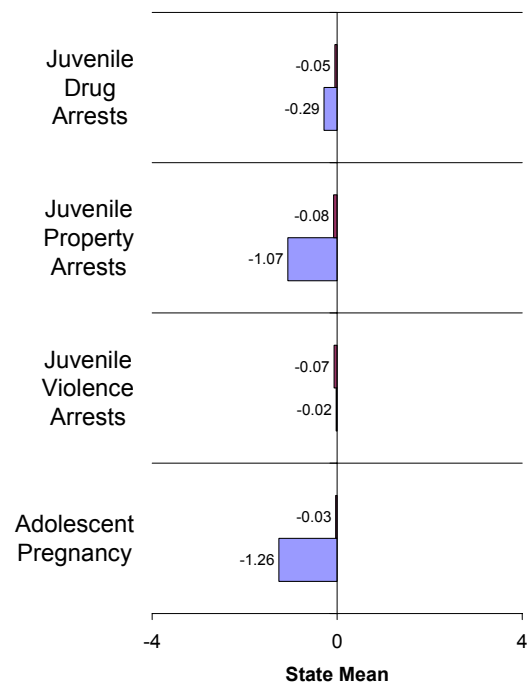
Risk Factor Scores



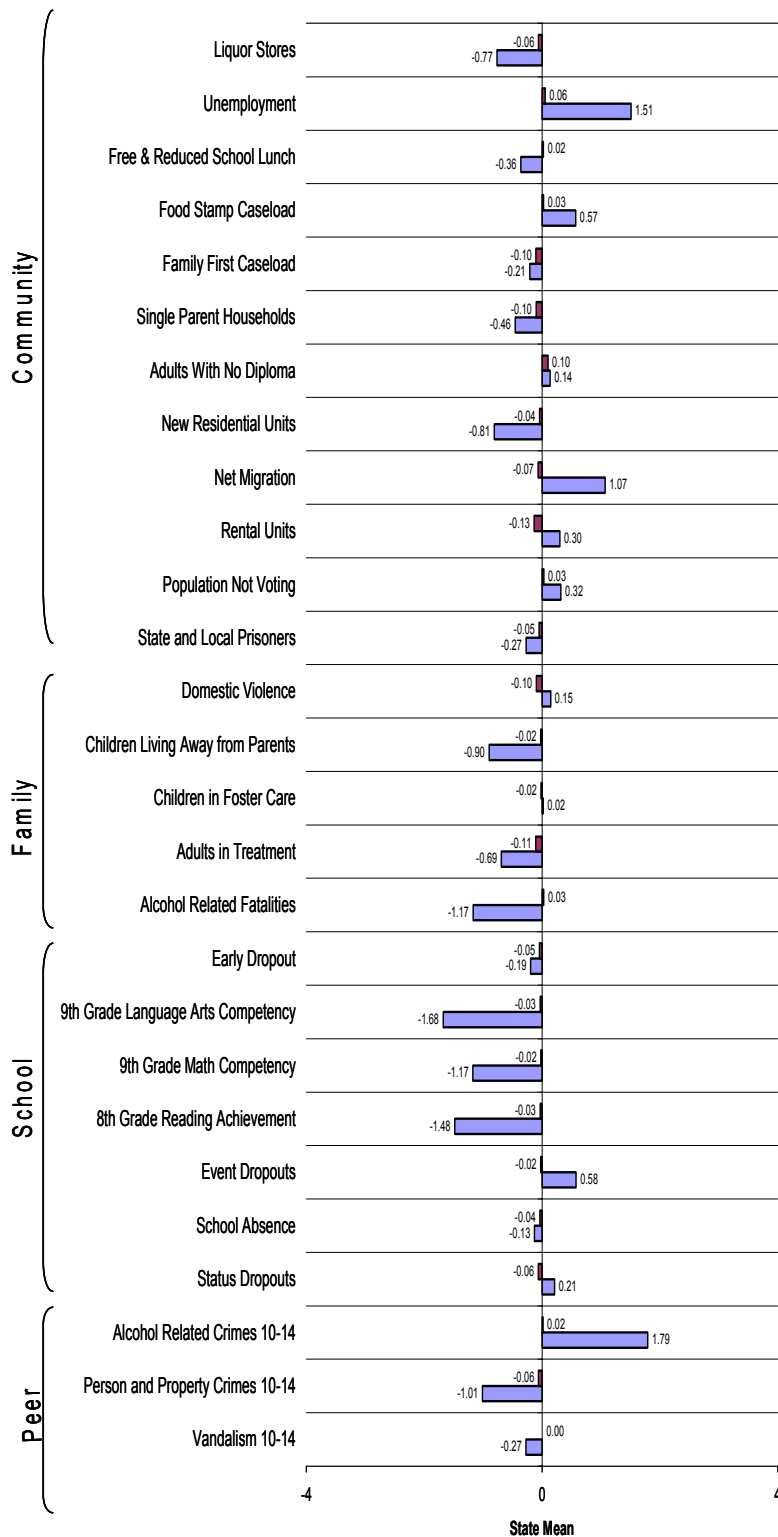
- Unicoi County was low or average for a non-metro county on all risk factors.

- Unicoi County was average or below on all problem behavior rates.

Problem Behaviors



Social Indicator Variables

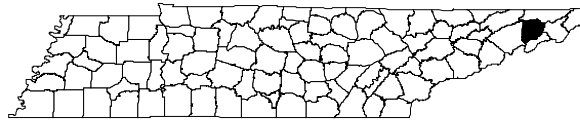


- Among Community variables, Unicoi County's unemployment and net migration rates were high. The food stamp caseload, rental unit, and nonvoting rates were elevated.
- Among Family variables, Unicoi County's domestic violence rate was slightly elevated.
- Among School variables, Unicoi County's event and status dropout rates were elevated.
- The alcohol related crime rate for 10-14 year olds in Unicoi County was high.

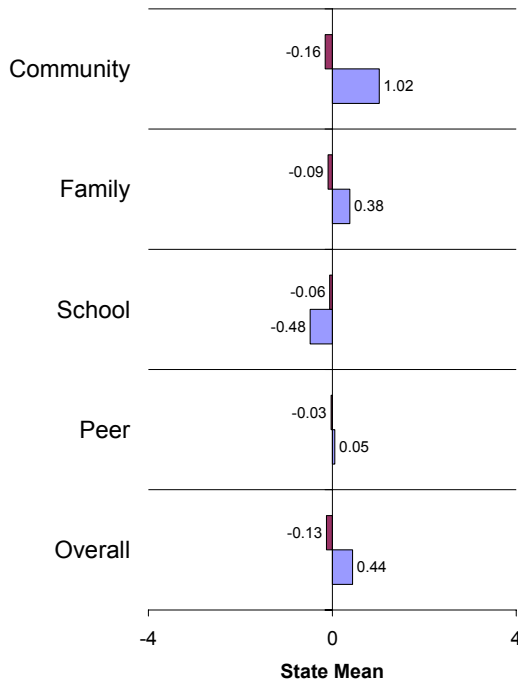
Washington County

Pop. 107198

Non-Metro Counties ■
Washington County ■



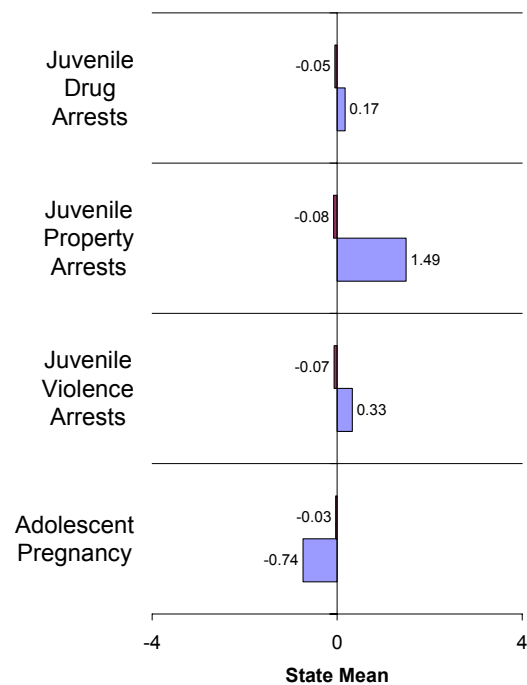
Risk Factor Scores



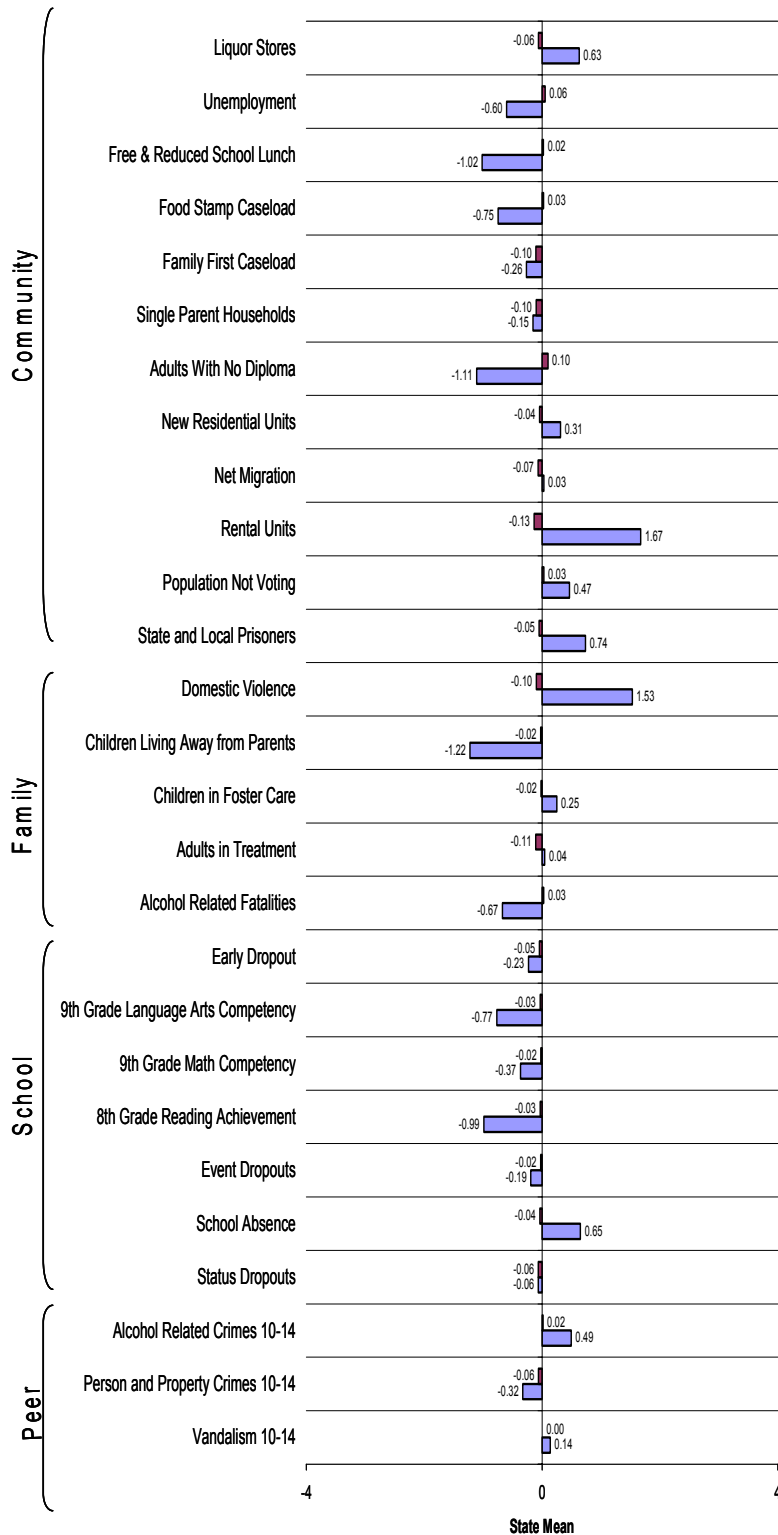
- Washington County was high on the Community risk factor and elevated on the Family and Overall risk factors.

- The juvenile property arrest rate in Washington County was high. The juvenile violence and drug arrests were elevated and slightly elevated. The adolescent pregnancy rate was low.

Problem Behaviors



Social Indicator Variables

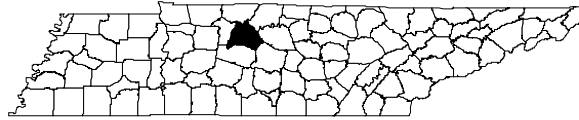


- Among Community variables, Washington County's rental unit rate was high. The liquor store, new residential unit, nonvoting, and state and local prisoner rates were elevated.
- Among Family variables, Washington County's domestic violence rate was high and the foster care rate was elevated.
- School absences in Washington County were elevated.
- The alcohol related crime rate among 10-14 year olds in Washington County was elevated.

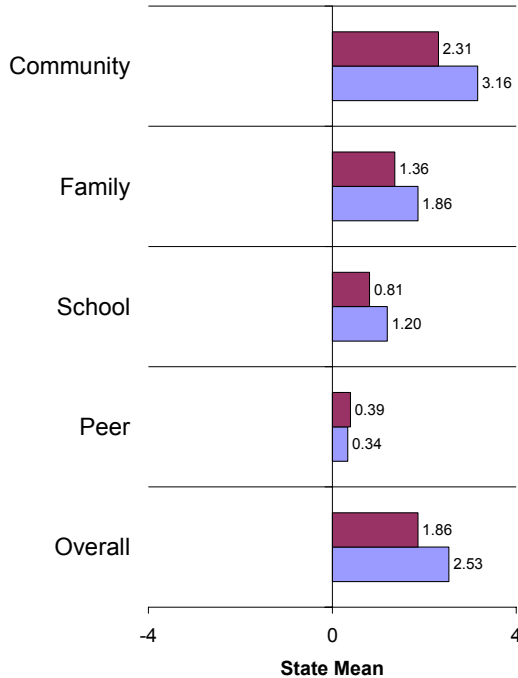
Metro Regions

Davidson County Pop. 569891

Metro Counties ■
Davidson County ■



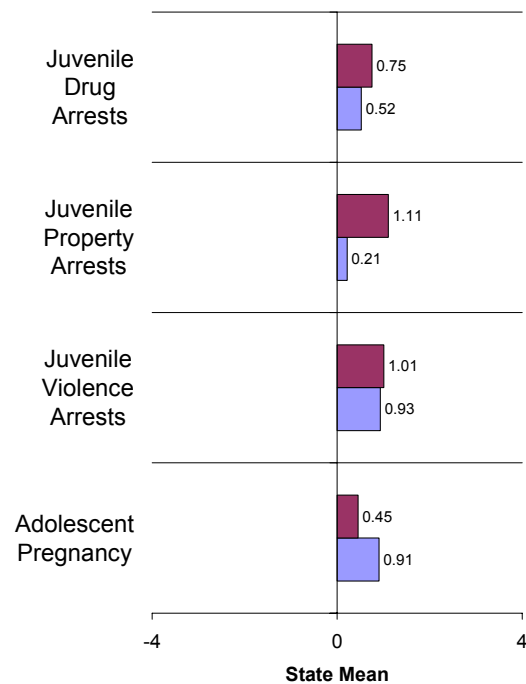
Risk Factor Scores



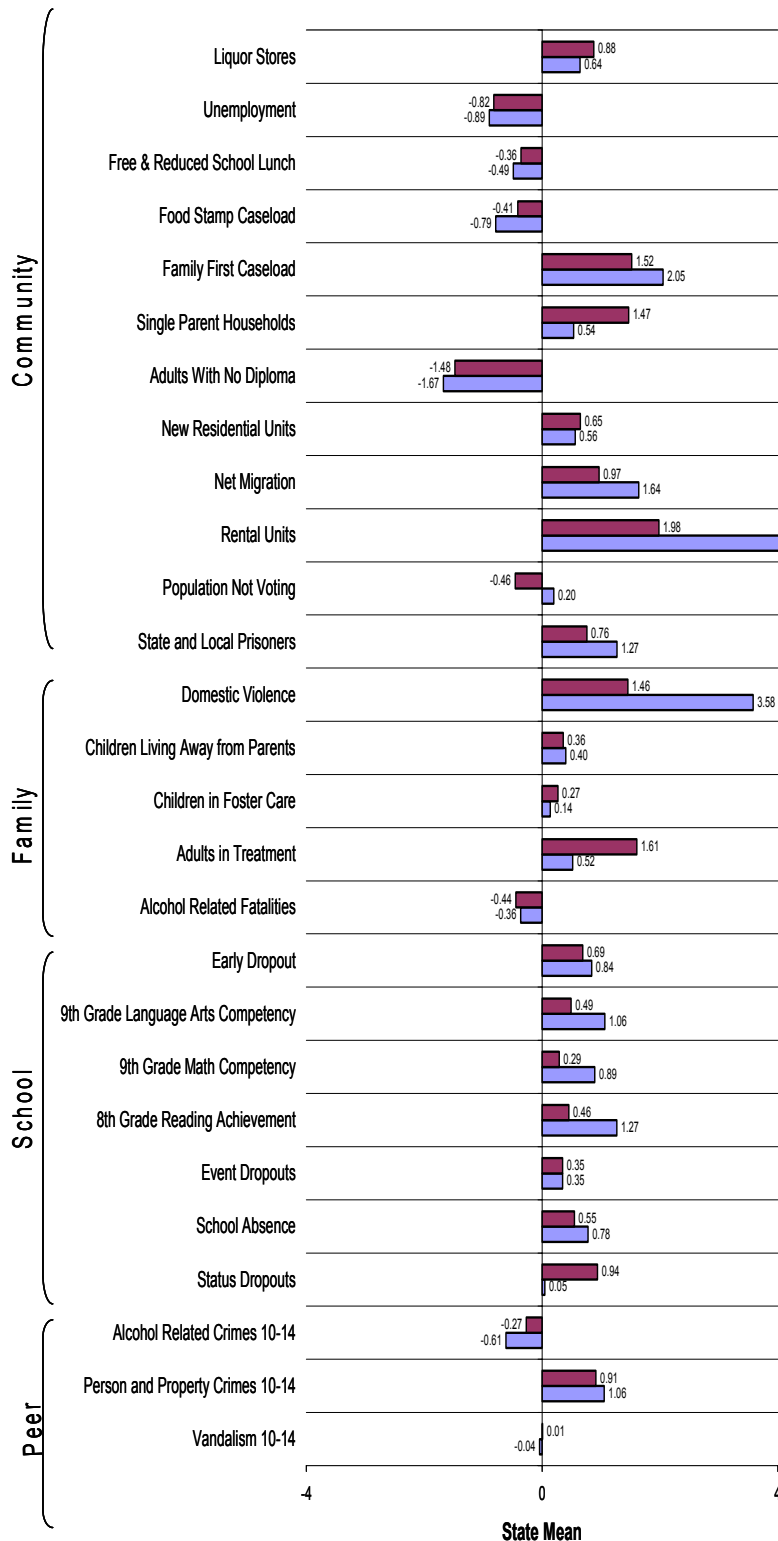
- Relative to other metro counties, Davidson County's adolescent pregnancy rate was elevated.
- Relative to the state overall, Davidson County's adolescent pregnancy and juvenile violence arrest rates were high and the juvenile drug and property crime arrest rates were elevated.

- Relative to other metro counties, Davidson County was high on the Community risk factor and elevated on the Family, School, and Overall risk factors.
- Relative to the state overall, Davidson County was extremely high on the Community risk factor, very high on the Overall risk factor, high on the Family and School risk factors, and elevated on the Peer risk factor.

Problem Behaviors



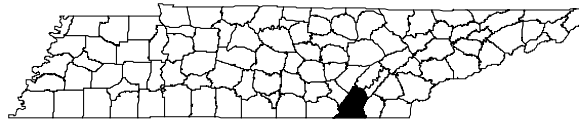
Social Indicator Variables



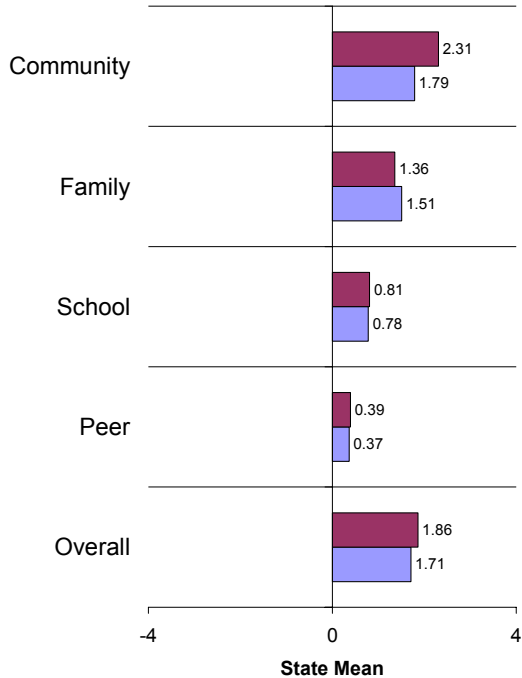
- Relative to Community variables in other metro counties, Davidson County's rental unit rate was extremely high. The family first caseload, net migration, state and local prisoner, and nonvoting rates were elevated.
- Relative to the state overall, the family first caseload was very high, net migration and state and local prisoner rates were high, and the liquor store, single parent household, and new residential unit rates were elevated.
- Relative to Family variables in other metro counties, Davidson County's domestic violence rate was very high.
- Relative to the state overall, the domestic violence rate was extremely high, and children living away from parents and adult treatment were elevated.
- Relative to School variables in other metro counties, Davidson County's performance in the 9th grade competency and 8th grade achievement tests was less than average and absenteeism was elevated.
- Relative to the state overall, performance in the 9th grade competency and 8th grade achievement tests was poor, the early dropout rate was high, and event dropouts were elevated.
- Relative to other metro counties, Davidson County's crime rates for 10-14 year olds were average or below.
- Relative to the state overall, the rate of person and property crimes among 10-14 year olds was high.

Hamilton County Pop. 307896

Metro Counties ■
Hamilton County ■



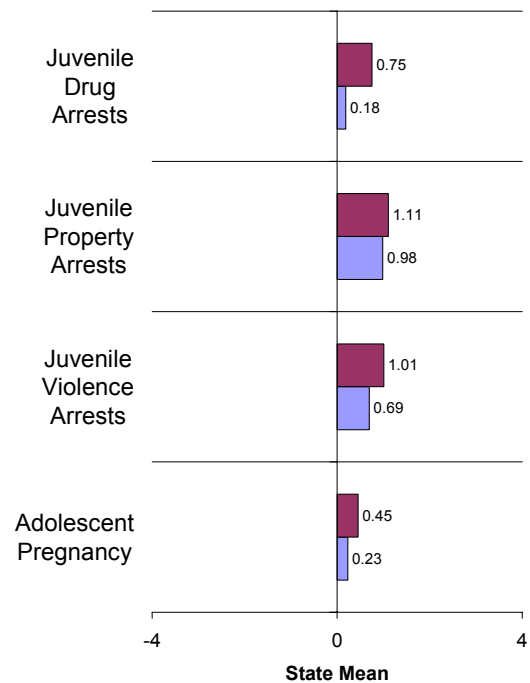
Risk Factor Scores



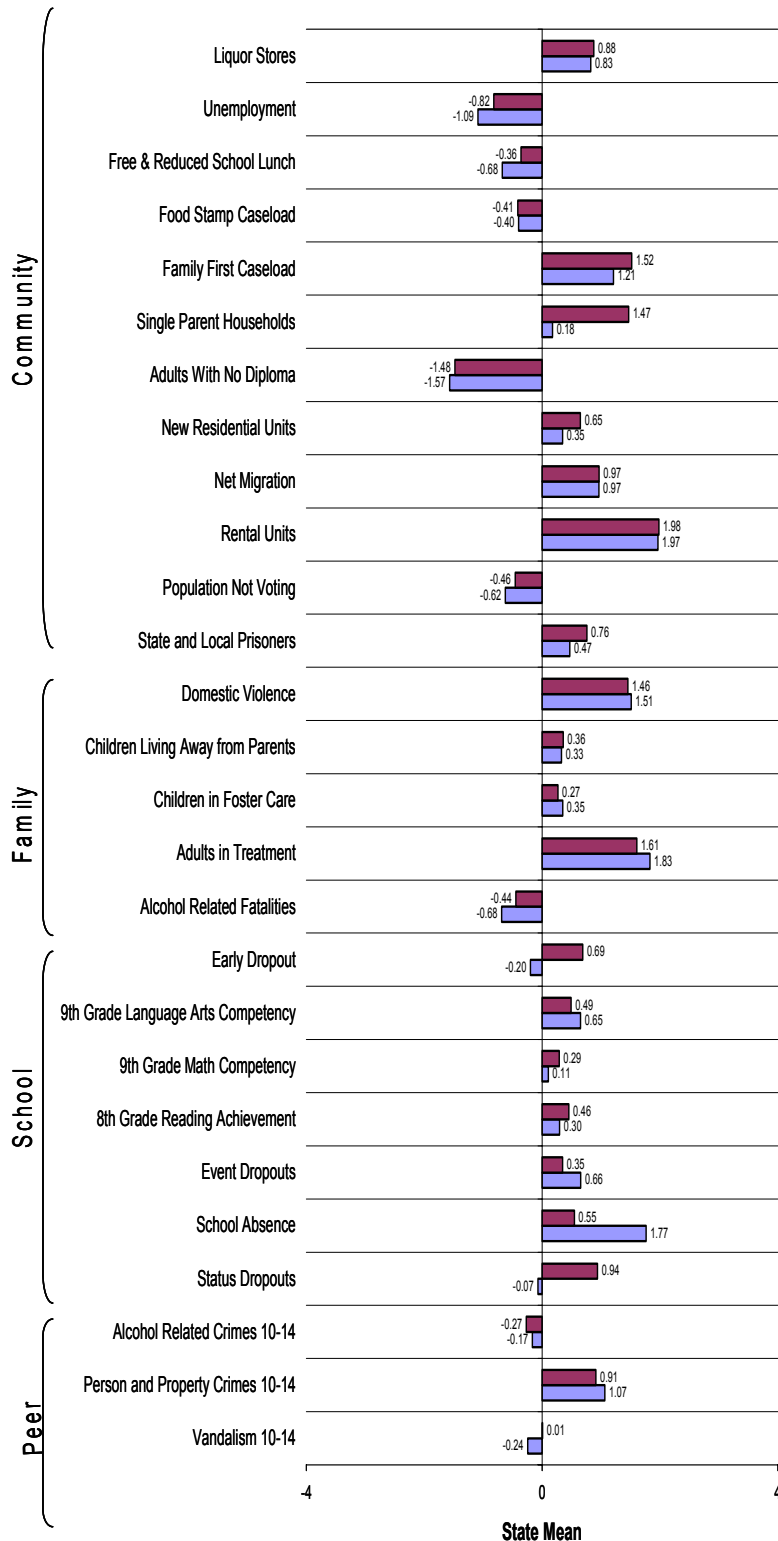
- Relative to other metro counties, Hamilton County was average or below on all risk factor scores.
- Relative to the state overall, Hamilton County was high on the Community, Family, and Overall risk factors and elevated on the School and Peer risk factors.

- Relative to other metro counties, Hamilton County was average or below on all problem behavior rates.
- Relative to the state overall, Hamilton County's juvenile arrest rate for property crimes was high, juvenile arrests for violent crimes was elevated, and juvenile drug arrests and adolescent pregnancy rates were slightly elevated.

Problem Behaviors



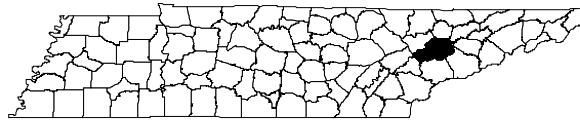
Social Indicator Variables



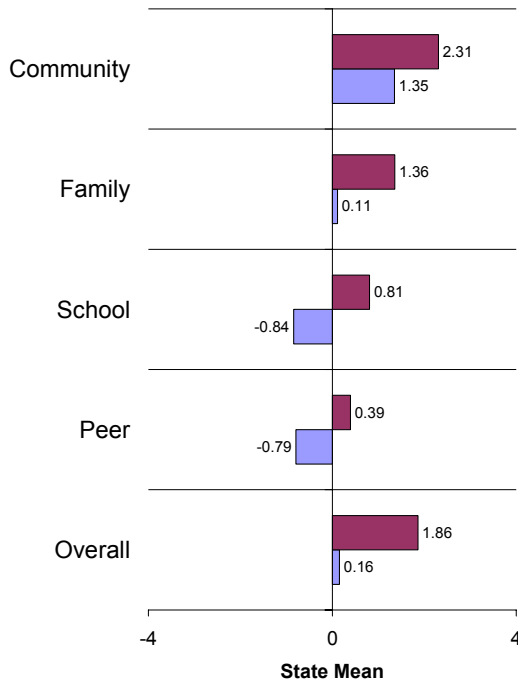
- Relative to other metro counties, Hamilton County's Community variable rates were all average or below.
- Relative to the state overall, liquor store, net migration, family first caseload, and rental unit rates were high. The new residential unit and state and local prisoner rates were elevated and single parent households rate were slightly elevated.
- Relative to Family variables in other metro counties, Hamilton County's adult treatment rate was slightly elevated.
- Relative to the state overall, domestic violence and adult treatment rates were high and children living away from parents and foster care rates were elevated.
- Relative to School variables in other metro counties, Hamilton County's absenteeism rate was high and the event dropout rate was elevated.
- Relative to the state overall, performance in the 9th grade language arts competency and 8th grade reading achievement tests was below average.
- Relative to other metro counties, Hamilton County's arrest rates for 10-14 year olds were average or below.
- Relative to the state overall, the person and property crime rate for 10-14 year olds was high.

Knox County Pop. 382032

Metro Counties ■
Knox County ■



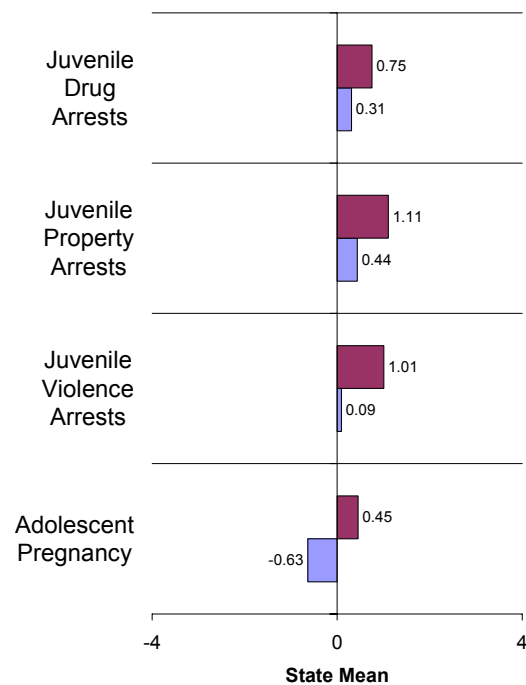
Risk Factor Scores



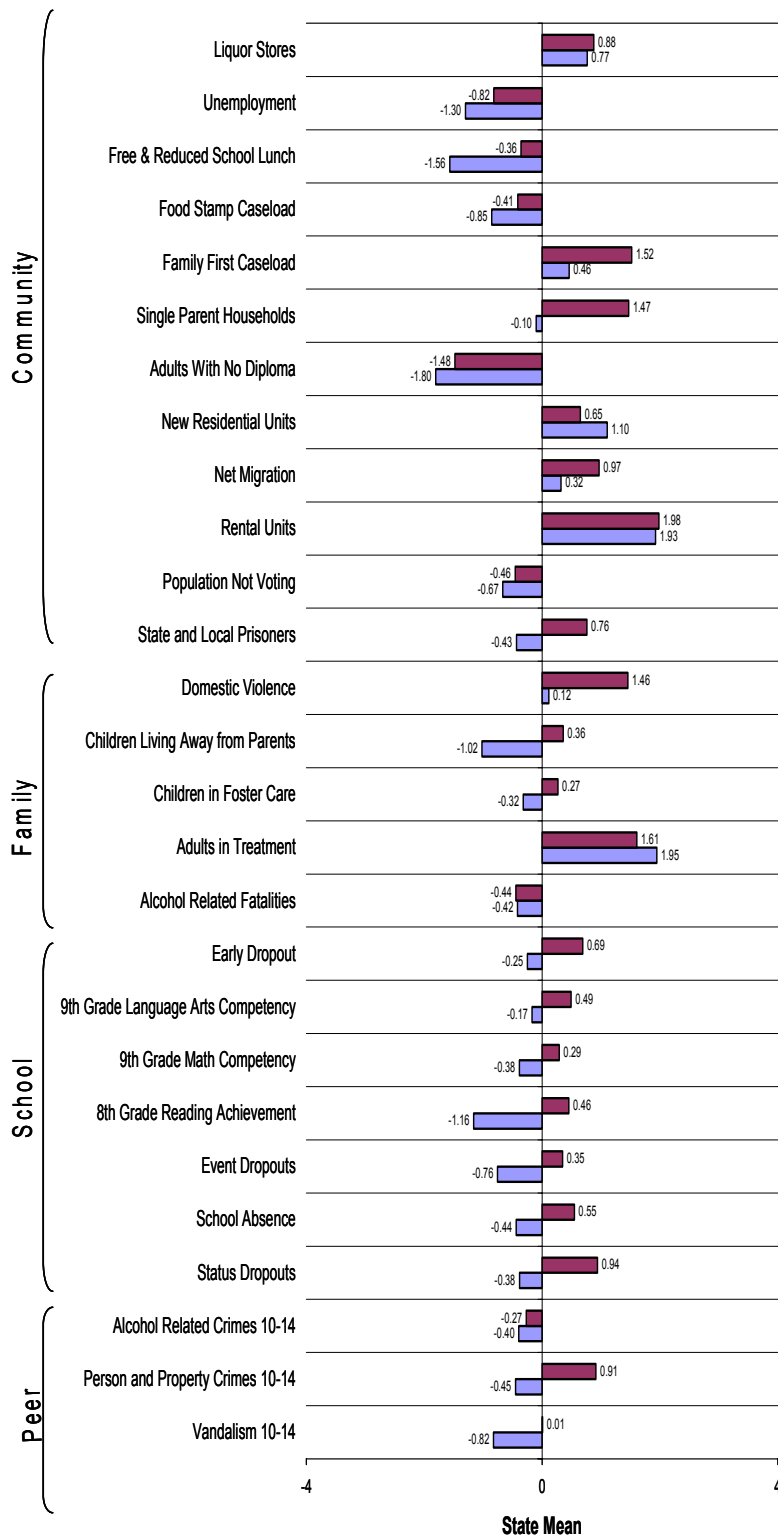
- Relative to other metro counties, Knox County was low on all risk factors.
- Relative to the state overall, Knox County's Community risk factor score was high. Knox County's other risk factor scores were average or below.

- Compared to other metro counties Knox County was low on all problem behavior rates.
- Relative to the state overall, Knox County's juvenile drug and property crime arrests were elevated. Otherwise, Knox County's problem behavior rates were average or below.

Problem Behaviors



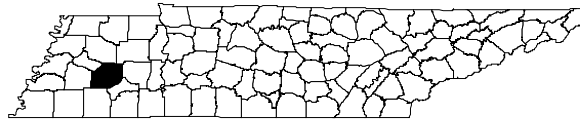
Social Indicator Variables



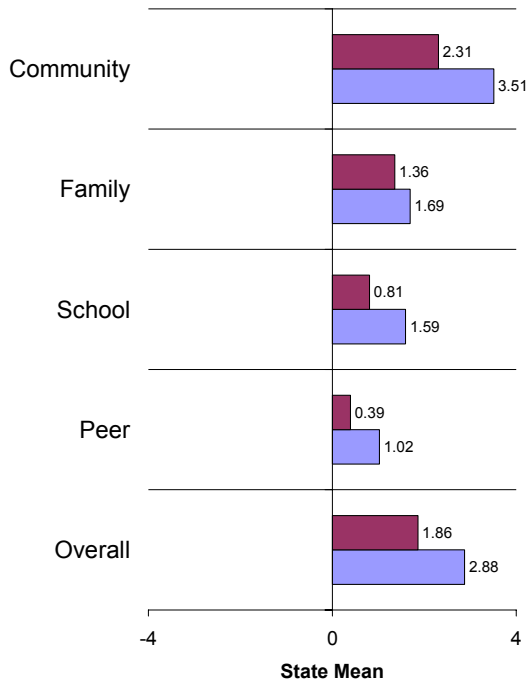
- Relative to Community variables in other metro counties, only Knox County's new residential unit rate was elevated.
- Relative to the state overall, new residential unit and rental unit rates were high, and the liquor store, family first caseload, and net migration rates were elevated.
- Relative to Family variables in other metro counties, Knox County's adult treatment rate was elevated.
- Relative to the state overall the adult treatment rate was high.
- Relative to other metro counties and the state overall, all of Knox County's School variables were low risk.
- Relative to other metro counties and the state overall, all of Knox County's Peer variables were low risk.

Madison County Pop. 91837

Metro Counties ■
Madison County ■



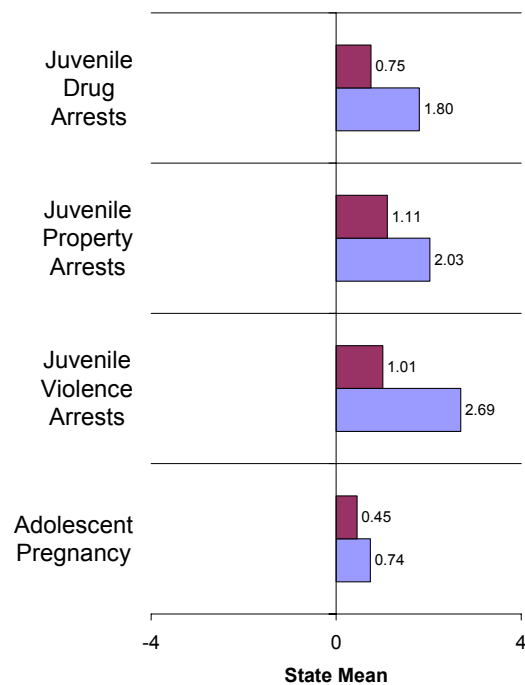
Risk Factor Scores



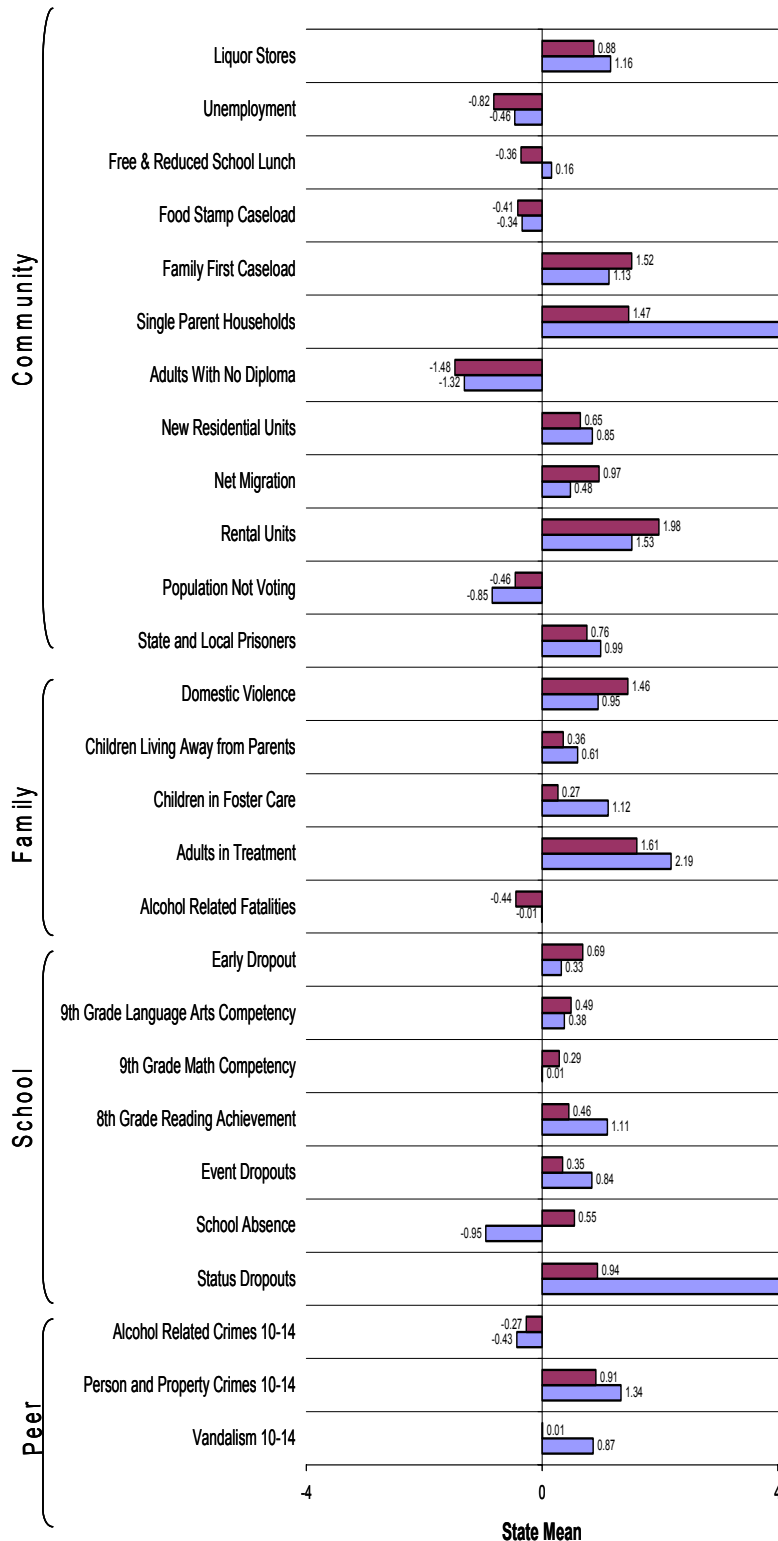
- Relative to other metro counties, Madison County was high on the Community and Overall risk factors and elevated on the Family, School, and Peer risk factors.
- Relative to the state overall, Madison County was extremely high on the Community risk factor, very high on the Overall risk factor, and high on the Family, School, and Peer risk factors.

- Relative to other metro counties, Madison County was high on all three juvenile arrest rates and the adolescent pregnancy rate was elevated.
- Relative to the state overall Madison County's juvenile arrest rates for property and violent crimes were very high. Juvenile drug arrests were high and adolescent pregnancy was elevated.

Problem Behaviors



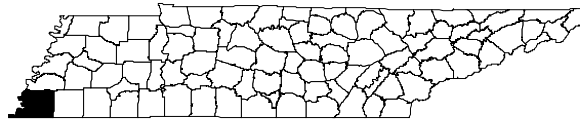
Social Indicator Variables



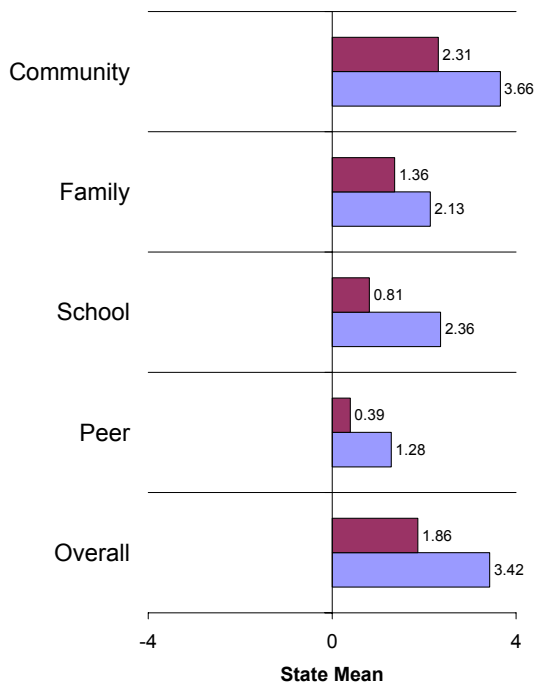
- Relative to Community variables in other metro counties, Madison County's single parent household rate was extremely high. The liquor store, free and reduced lunch, new residential unit, and state and local prisoner rates were elevated.
- Relative to the state overall, the liquor store, family first caseload, new residential unit, rental unit, and state and local prisoner rates were high and the net migration rate was elevated.
- Relative to Family variables in other metro counties, Madison County's foster care rate was high. Additionally, the rate of children living away from parents and adult treatment rates were elevated.
- Relative to the state overall, the adult treatment rate was very high. Domestic violence and foster care were high.
- Relative to School variables in other metro counties, Madison County's status dropout rate was extremely high. Additionally, 8th grade reading achievement was poor and the event dropout rate was elevated.
- Relative to the state overall, the event dropout rate was high, the early dropout was elevated, and performance on the 9th grade language arts competency test was less than average.
- Relative to other metro counties, Madison County's 10-14 year old vandalism rate was high and the person and property crime rate was elevated.
- Relative to the state overall, the rate of person and property crimes among 10-14 year olds were high.

Shelby County Pop. 897472

Metro Counties ■
Shelby County ■



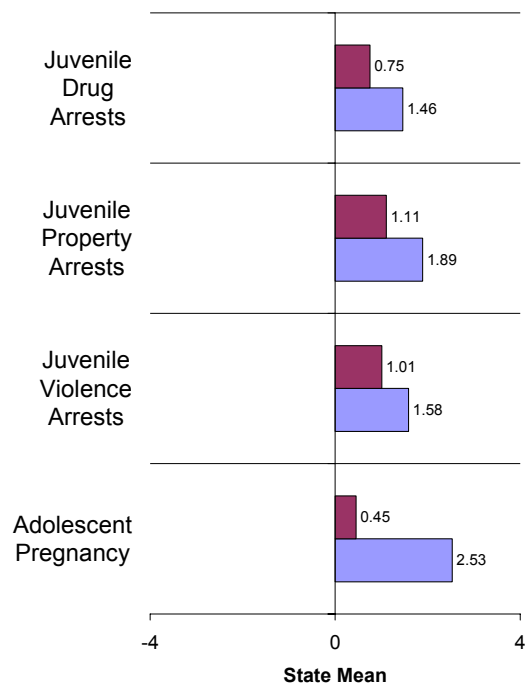
Risk Factor Scores



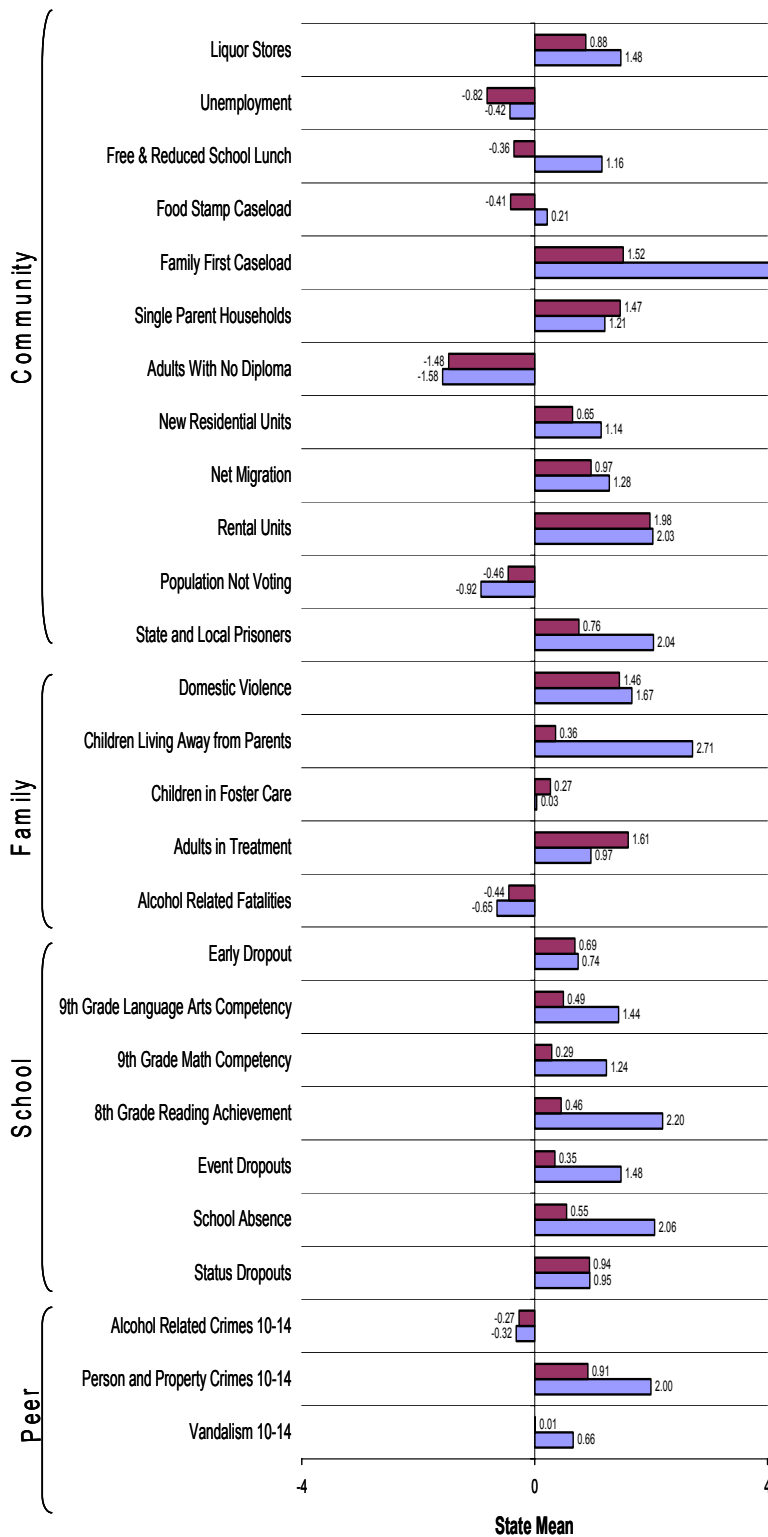
- Relative to other metro counties, Shelby County was high on the Community, School, and Overall risk factors, and elevated on the Family and Peer risk factors.
- Relative to the state overall, Shelby County was extremely high on the Community and Overall risk factors, very high on the Family and School risk factors, and high on the Peer risk factor.

- Relative to other metro counties, Shelby County had elevated arrest levels for juvenile drug, property, and violent crimes. The adolescent pregnancy rate in Shelby County was very high.
- Relative to the state overall, juvenile drug, property, and violent crime arrest rates were high and the adolescent pregnancies were very high.

Problem Behaviors



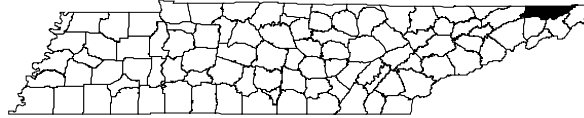
Social Indicator Variables



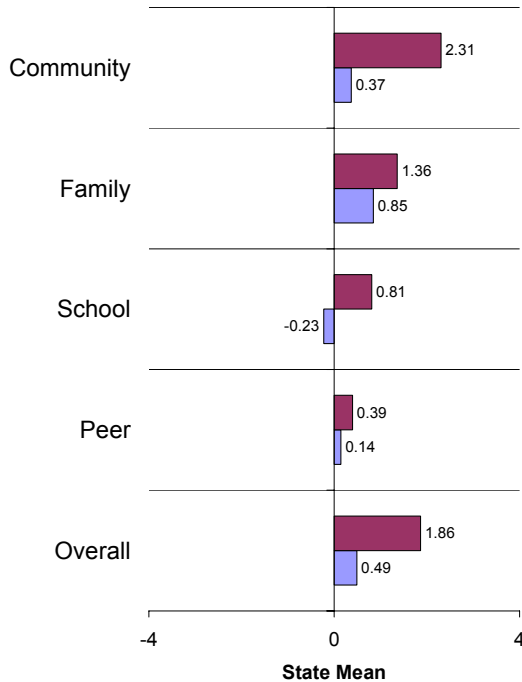
- Relative to Community variables in other metro counties, Shelby County's family first caseload rate was extremely high. Free and reduced school lunch and state and local prisoner rates were high. Liquor store, food stamp caseload, new residential unit, and net migration rates were elevated.
- Relative to the state overall, rental unit and state and local prisoner rates were very high, and liquor store, single parent household, and net migration rates were high.
- Relative to other metro county Family variables, Shelby County's rate of children living away from parents was very high and domestic violence was elevated.
- Relative to the state overall, the domestic violence and adult treatment rates were high.
- Relative to other metro county School variables, performance in the 9th grade competency and 8th grade achievement tests was poor. Absenteeism and event dropout rates were high.
- Relative to the state overall, 8th grade reading achievement was very poor, absenteeism was very high, and status dropouts were high
- Relative to other metro county Peer variables, the person and property crime rate for 10-14 year olds was high and vandalism was elevated.
- Relative to the state overall, the property crime rate for 10-14 year olds was very high.

Sullivan County Pop. 153048

Metro Counties ■
Sullivan County ■



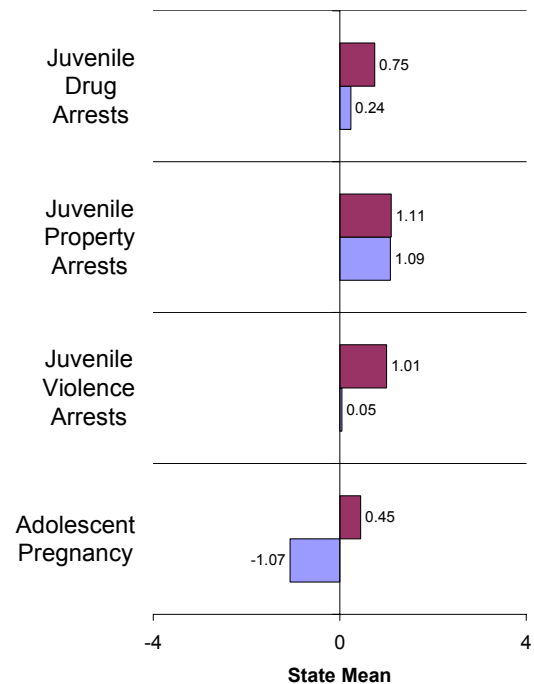
Risk Factor Scores



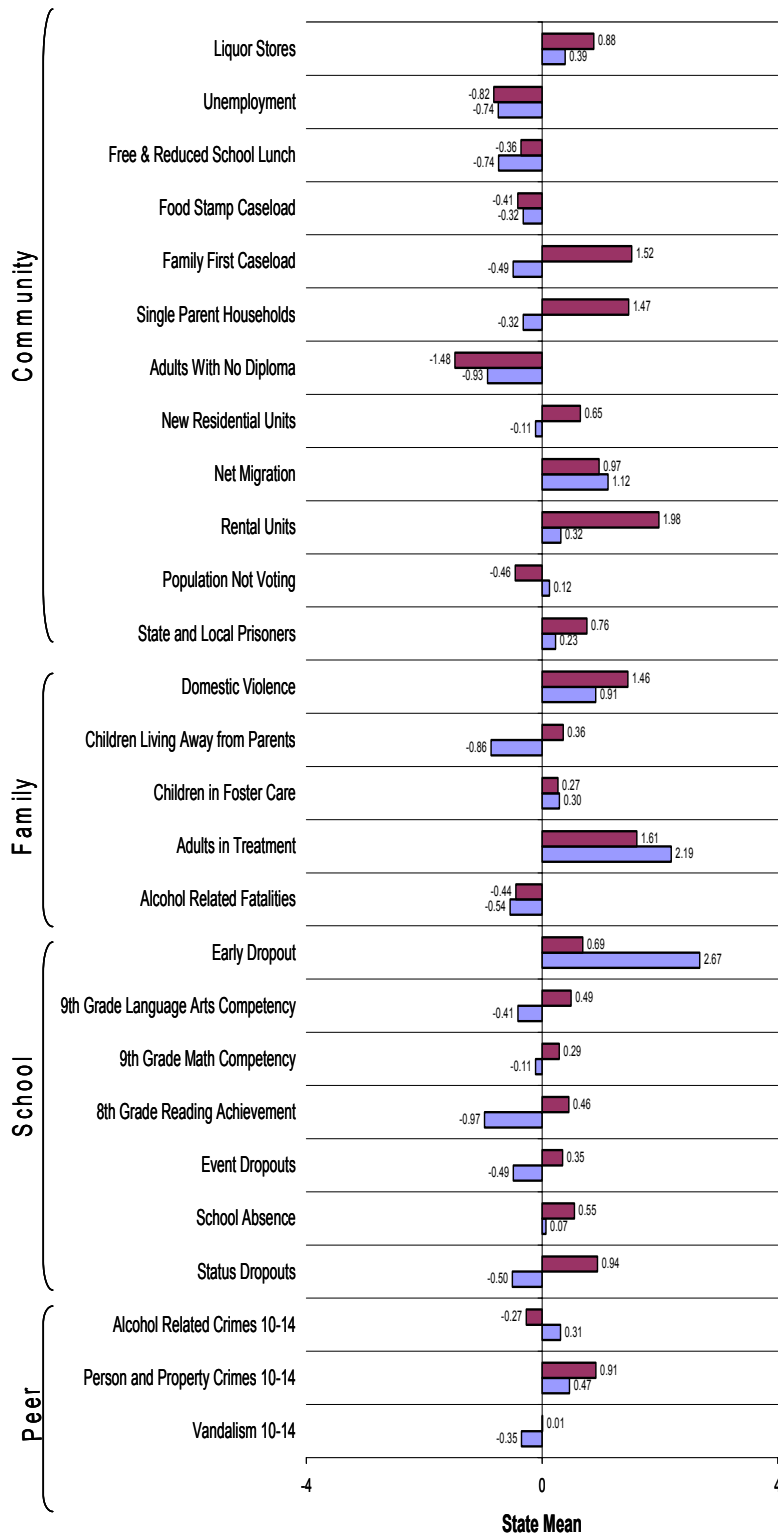
- Relative to other metro counties, Sullivan County was low on all risk factors.
- Relative to the state overall, Sullivan County was high on the Family risk factor and elevated on the Community and Overall risk factors.

- Relative to other metro counties, Sullivan County was average or low on all problem behavior rates.
- Relative to the state overall, Sullivan County's juvenile property crime arrests were high and juvenile drug arrests were elevated. Otherwise, Sullivan County's problem behavior rates were average or below.

Problem Behaviors



Social Indicator Variables



- Relative to Community variables in other metro counties, Sullivan County's adults without diplomas and nonvoting population rates were elevated.
- Relative to the state overall, the net migration rate was high and the liquor store, rental unit, and state and local prisoner rates were elevated. However, the adults without diplomas and nonvoting population rates were low and average.
- Relative to Family variables in other metro counties, Sullivan County's adult treatment rate was elevated.
- Relative to the state overall, the adult treatment rate was very high, the domestic violence rate was high, and the foster care rate was elevated.
- Relative to School variables in other metro counties, Sullivan County's early dropout rate was very high. All other School variables were low.
- Relative to the state overall, the early dropout rate was very high. All the other school variables were average or below.
- Relative to Peer variables in other metro counties, the alcohol related crime rate for 10-14 year olds was elevated.
- Relative to the state overall, person and property crime rate for 10-14 year olds was elevated.

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Appendix A

Social Indicator Variables and Data Sources

Variable	Year	Source
Population	2000	US Census 2000 Summary File 1 (SF1): Table P1
Liquor Stores	2000	Alcoholic Beverage Commission, Retail Renewal List
Net Migration	2000	US Census Bureau. Demographic Components of Population Change: July 1, 1999 to July 1, 2000
New Residential Units	2000	U.S. Census Bureau. Building Permit Estimates - U.S., State, and Metropolitan Areas. Monthly New Privately-Owned Residential Building Permits. Computed Sum of Building Units.
Renters	2000	U.S. Census 2000 SF1: Table H4. H004003.
Votes Cast	2000	TN Secretary of State: Nov 2000 Voting Statistics.
Voting Age Population	2000	US Census 2000 SF1: Table PCT12. Computed as sum of PCT012021 through PCT012105 and PCT012125 through PCT012209.
Population Not Voting	2000	Computed variable using variables voting_age_pop and votes_cast
State and Local Prisoners	2000	TN Dept. of Correction. Jail Summary Monthly Reports January - December 2000.
Pre-High School Attendees With No Diploma	2000	U.S. Census 2000 Summary File 3 (SF3): Table DP-2. Profile of Selected Social Characteristics 2000: Population 25 and over with less than 9th grade education
High School Attendees With No Diploma	2000	U.S. Bureau of Census 2000 SF3: Table DP-2. Profile of Selected Social Characteristics 2000: Population 25 and over with 9th to 12th grade education without diploma
Adults With No Diploma	2000	Computed as sum of hs_nongrads and pre_hs_nongrads
Single Parent Households	2000	U.S. Census 2000 SF1: Table P18. Computed as sum of P018012 and P018015.
Average Family First Caseload	2000	TN Dept. of Human Services. Family First Cases 00_01.xls Computed as Average Monthly Caseload
Food Stamp Caseload	2000	TN Dept. of Human Services. Food Stamp_county - apr00 on.xls Computed as Average Food Stamp Cases
Free And Reduced School Lunch	2000	TN Dept. of Education. 1998-2001 Application File

Continued on next page

Variable	Year	Source
Unemployment	2000	TN Dept. of Labor and Workforce Development. Tennessee 2000 Unemployment
Adults In A&D Treatment	2000	TN Dept. of Health, Bureau of Alcohol and Drug Abuse Services: Admissions Database
Alcohol Related Traffic Deaths	2000	TN Dept. of Safety. 2000 Tennessee Traffic Fatalities and Crashes
Juvenile Violence Arrests	2000	U.S. Dept. of Justice, Federal Bureau of Investigation. Uniform Crime Reporting Data [United States]: County-Level Detailed Arrest and Offense Data, 2000. 2nd ICPSR ed. Ann Arbor MI: Inter-university Consortium for Political and Social Research [producer and distributor], 2002.
Juvenile Property Arrests	2000	U.S. Dept. of Justice, Federal Bureau of Investigation. Uniform Crime Reporting Data [United States]: County-Level Detailed Arrest and Offense Data, 2000. 2nd ICPSR ed. Ann Arbor MI: Inter-university Consortium for Political and Social Research [producer and distributor], 2002.
Juvenile Drug Arrests	2000	U.S. Dept. of Justice, Federal Bureau of Investigation. Uniform Crime Reporting Data [United States]: County-Level Detailed Arrest and Offense Data, 2000. 2nd ICPSR ed. Ann Arbor MI: Inter-university Consortium for Political and Social Research [producer and distributor], 2002.
Juvenile Curfew, Vandal & Disorderly Arrests	2000	U.S. Dept. of Justice, Federal Bureau of Investigation. Uniform Crime Reporting Data [United States]: County-Level Detailed Arrest and Offense Data, 2000. 2nd ICPSR ed. Ann Arbor MI: Inter-university Consortium for Political and Social Research [producer and distributor], 2002. Computed Sum of "CURFEW, LOITERING VIOL: JUV (28)", "VANDALISM (14)" and "DISORDERLY CONDUCT (24)"
Juvenile Alcohol Related Arrests	2000	U.S. Dept. of Justice, Federal Bureau of Investigation. Uniform Crime Reporting Data [United States]: County-Level Detailed Arrest and Offense Data, 2000. 2nd ICPSR ed. Ann Arbor MI: Inter-university Consortium for Political and Social Research [producer and distributor], 2002.

Continued on next page

Variable	Year	Source
Adolescent Pregnancies	2000	Tennessee Department of Health, Bureau of Health Informatics, Health Statistics and Research 2000 Tennessee Adolescent Pregnancy Summary Data 2000
Children Living Away From Parents	2000	U.S. Census 2000 SF1: Table P29. Computed as sum of P029013, P029021 and P029029.
Children Entering Foster Care	2000	Tennessee Commission on Children and Youth, Tennessee KIDS COUNT 2001: The State of the Children in Tennessee.
Domestic Violence	2001	Tennessee Bureau of Investigation Crime Statistics Unit: Tennessee Incident Based Reporting System (TIBRS) Crime Reports 2001.
School Absences	2000	TN Department of Education; Computed variable using Average Daily Membership and Average Daily Attendance 1999-2000. k-12 adabsent.xls
Event Dropouts	2000	TN Dept. of Education: Event Rate-System-99-00, computed as sum of dropouts under and over 18 years of age
Status Dropouts	2000	Tennessee Commission on Children and Youth, Tennessee KIDS COUNT 2001: The State of the Children in Tennessee
TCAP 8 th Grade Reading Score	2000	TN Dept. of Education: Reportcard 2000
Competency 9th Grade Math Score	2000	TN Dept. of Education: Reportcard 2000
Competency 9th Grade Language Score	2000	TN Dept. of Education: Reportcard 2000
Early Dropouts	2000	TN Dept. of Education: District Dropouts 1999-2000, computed as sum of pre 9th grade dropouts under and over 18 years of age
Vandalism 10-14	2000	TN Dept. of Juvenile Justice. Children 10-14 2000.xls
Alcohol 10-14	2000	TN Dept. of Juvenile Justice. Children 10-14 2000.xls
Person & Property Crimes 10-14	2000	TN Dept. of Juvenile Justice. Children 10-14 2000.xls

Appendix B

Risk Factor Score Derivation

Risk factor scores were derived from the social indicator variables using a statistical procedure known as principal components analysis (PCA). In some studies PCA is used as an exploratory technique to evaluate the unknown structure within a data set. However, the social indicator study began with a theory of four domains (Community, Family, School, and Peer/Individual), and collected variables to represent those domains. Accordingly, separate PCA analyses were conducted within each of the four domains. These analyses extracted common variance among the variables within a domain and provided formulas to create factor scores representing the domains. Thus, these analyses were conducted for the purpose of data reduction not exploration. In each case a single factor was extracted and the corresponding factor score was generated. Subsequently, a PCA analysis of the the four risk factor scores was conducted to obtain an Overall risk factor. The following tables contain the factor loadings from each of the PCA analyses. The loadings indicate the relationships of the individual variables with the extracted factor. As is customary, only loadings greater than or equal in magnitude to $\pm .30$ are presented.

Community: Principal Components Analysis

Social Indicator Variable	Factor Loading
Liquor Store	.41
Unemployment	--
Free and Reduced School Lunch	--
Food Stamp Caseload	--
Family First Caseload	.65
Single Parent Family Households	.59
Adults Without Diploma	-.37
New Residential Units	.40
Net Migration	.34
Renter Units	.78
Non-Voting Population	--
State and Local Prisoners	.52

The Community PCA resulted in the most complex factor loadings of the five PCA analyses. Four of the Community indicator variables (unemployment, free and reduced lunch, food stamp caseload, and nonvoting population) did not have substantial loadings on the Community risk factor. Additionally, adults without high school diplomas loaded negatively. This was unexpected and raises some questions regarding the Community factor. However, it appears that these loadings or lack of loadings is an artifact of these variables being represented differently in the metro, non-metro and more rural counties. For the most part the metro regions and the 'more metro' non-metro regions had lower unemployment, free and reduced lunch, food stamp, nonvoting, and alcohol-related fatality rates than the average non-metro county. Note, this does not mean that there were not large numbers of free and reduced lunch and food stamp recipients in the metro regions, only that on a per capita basis the average metro region had fewer recipients than the average non-metro region. This could have caused these loadings to diminish and reverse sign. Otherwise, the Community indicator variables showed the expected relationships and correlational analyses presented in Appendix C support the validity of the Community risk factor within the four domain model and as a predictor of problem behaviors.

Family: Principal Components Analysis

Social Indicator Variable	Factor Loading
Domestic Violence	.66
Children Living Away from Parents	.64
Children in Foster Care	.71
Adults in Treatment	.44
Alcohol Related Fatalities	-.32

The Family PCA also contained a negative loading. As was the case in the Community PCA, the alcohol-related fatalities variable was significantly lower in the metro counties than in the non-metro counties and this likely is the source of the negative loading. Otherwise the loadings were positive and relatively large. The correlational analyses that follow in Appendix C also support the validity of the Family risk factor.

The School PCA resulted in a single positive manifold. That is, the loadings on the School risk factor were uniformly positive and represented strong relationships among the variables. The correlational analyses presented in Appendix C support the validity of the School risk factor.

School: Principal Components Analysis

Social Indicator Variable	Factor Loading
Early Dropout rate	.38
9th Grade Language Arts Competency	.68
9th Grade Math Competency	.64
8th Grade TCAP Reading	.75
Event Dropout	.69
School Absence	.62
Status Dropout	.58

As was the case in the School PCA, the Peer PCA resulted in a single positive manifold. The apparent lower loading for alcohol-related crimes relative to the loadings for person and property crimes and vandalism likely resulted from the different levels of enforcement of alcohol-related crimes in metro and non-metro counties.

Peer: Principal Components Analysis

Social Indicator Variable	Factor Loading
Alcohol Related Crime 10-14	.46
Person and Property Crime 10-14	.80
Vandalism 10-14	.84

The Overall PCA extracted the common variance among the four domain risk factors in order to represent overall risk. The loadings were all positive and relatively large, supporting the concept of overall risk. Note, the factor loadings are equivalent to the correlations with Overall risk presented in Appendix C.

Overall: Principal Components Analysis

Social Indicator Variable	Factor Loading
Community Factor	.79
Family Factor	.89
School Factor	.61
Peer Factor	.45

Appendix C

Risk Factor Correlations

Correlations among the domains were generally moderate and showed a developmental cascade such that the strongest relationship was among the early influences of communities and families and decreased with the later influences of schools and peers. Correlations of the domains and overall risk were relatively high and showed a similar cascade effect. Altogether, these correlations show a predictable developmental pattern combined with a moderate degree of dependence/independence among the four domains and convergence in overall risk.

Risk Factor Score	Risk Factor Score				
	1	2	3	4	5
1. Community	1.00				
2. Family	.60***	1.00			
3. School	.23**	.47***	1.00		
4. Peer/Individual	.26**	.26*	.01	1.00	
5. Overall	.77***	.88***	.62***	.47***	1.00

Note: * $p < .05$; ** $p < .01$; *** $p < .001$; N=95

Correlations of the risk factors with problem behaviors such as juvenile arrests and teen pregnancy were also assessed. All of the risk factors predicted juvenile arrests for violent crimes and all but the school factor predicted juvenile arrests for drug-related crimes. Similarly, all but the school factor predicted juvenile arrests for property crimes and all but the peer/individual factor predicted teen pregnancies. Altogether, these correlations support the predictive validity of the risk factors, especially the community, family, and overall risk factors. To some extent the higher correlations for the community and family factors show the primacy of these early influences. However, these differences and the developmental cascade may also represent an artifact of the number and variability of the indicators associated with the different factors.

Risk Factor Score	Juvenile Arrests and Teen Pregnancy			
	Drug Crimes	Violent Crimes	Property Crimes	Pregnancy
1. Community	.39***	.47***	.48***	.38***
2. Family	.32**	.58***	.36***	.43***
3. School	.11	.23*	.03	.33***
4. Peer/Individual	.25*	.28**	.28**	.04
5. Overall	.37***	.57***	.41***	.44***

Note: * $p < .05$; ** $p < .01$; *** $p < .001$; N=95